2-Pentanol

Other names:	(R,S)-2-pentanol
	1-Methyl-1-butanol
	1-Methylbutanol
	2-Pentyl alcohol
	Isoamyl alcohol, secondary
	Methylpropylcarbinol
	Pentan-2-ol
	Pentanol-2
	dl-2-pentanol
	n-C3H7CH(OH)CH3
	sec-Amyl alcohol
	sec-Pentanol
	sec-Pentyl alcohol
	sec-n-Amyl alcohol
Inchi:	InChI=1S/C5H12O/c1-3-4-5(2)6/h5-6H,3-4H2,1-2H3
InchiKey:	JYVLIDXNZAXMDK-UHFFFAOYSA-N
Formula:	C5H12O
SMILES:	CCCC(C)O
Mol. weight [g/mol]:	88.15
CAS:	6032-29-7

Physical Properties

Property code	Value	Unit	Source
chl	-3315.40 ± 0.67	kJ/mol	NIST Webbook
dvisc	0.0034210	Pa×s	Speeds of sound, isentropic compressibilities, viscosities and excess molar volumes of binary mixtures of methylcyclohexane + 2-alkanols or ethanol at T = 298.15 K
gf	-148.04	kJ/mol	Joback Method
hf	-312.70	kJ/mol	NIST Webbook
hf	-313.80 ± 1.10	kJ/mol	NIST Webbook
hf	-314.60 ± 1.50	kJ/mol	NIST Webbook
hfl	-367.10 ± 0.75	kJ/mol	NIST Webbook
hfl	-366.40 ± 1.70	kJ/mol	NIST Webbook

hfl	-365.20 ± 1.10	kJ/mol	NIST Webbook
hfus	9.27	kJ/mol	Joback Method
hvap	54.20 ± 0.20	kJ/mol	NIST Webbook
hvap	53.60	kJ/mol	NIST Webbook
hvap	53.00	kJ/mol	NIST Webbook
hvap	52.60 ± 1.30	kJ/mol	NIST Webbook
hvap	52.60 ± 1.30	kJ/mol	NIST Webbook
ie	9.78	eV	NIST Webbook
ie	9.78 ± 0.03	eV	NIST Webbook
ie	9.78 ± 0.07	eV	NIST Webbook
ie	10.27	eV	NIST Webbook
log10ws	-0.29		Aqueous Solubility Prediction Method
log10ws	-0.29		Estimated Solubility Method
logp	1.167		Crippen Method
mcvol	87.180	ml/mol	McGowan Method
nfpaf	%!d(float64=3)		KDB
nfpah	%!d(float64=1)		KDB
pc	3710.00 ± 20.00	kPa	NIST Webbook
pc	3710.00 ± 20.00	kPa	NIST Webbook
pc	3675.00	kPa	KDB
pc	3680.00 ± 20.00	kPa	NIST Webbook
pc	3640.00 ± 40.00	kPa	NIST Webbook
rhoc	267.97 ± 1.76	kg/m3	NIST Webbook
rhoc	267.97 ± 20.27	kg/m3	NIST Webbook
rinpol	706.00		NIST Webbook
rinpol	710.00		NIST Webbook
rinpol	695.00		NIST Webbook
rinpol	683.00		NIST Webbook
rinpol	671.00		NIST Webbook
rinpol	706.00		NIST Webbook
rinpol	683.00		NIST Webbook
rinpol	700.00		NIST Webbook
rinpol	677.00		NIST Webbook
rinpol	689.00		NIST Webbook
rinpol	689.00		NIST Webbook
rinpol	689.00		NIST Webbook
rinpol	689.00		NIST Webbook
rinpol	700.00		NIST Webbook
rinpol	706.00		NIST Webbook
rinpol	701.00		NIST Webbook
rinpol	689.00		NIST Webbook
rinpol	685.00		NIST Webbook
rinpol	718.00		NIST Webbook

rinpol	699.00	NIST Webbook
rinpol	699.00	NIST Webbook
rinpol	695.00	NIST Webbook
rinpol	677.00	NIST Webbook
rinpol	685.00	NIST Webbook
rinpol	674.00	NIST Webbook
rinpol	674.00	NIST Webbook
rinpol	674.00	NIST Webbook
rinpol	672.00	NIST Webbook
rinpol	689.00	NIST Webbook
rinpol	703.00	NIST Webbook
rinpol	685.00	NIST Webbook
rinpol	706.00	NIST Webbook
rinpol	662.00	NIST Webbook
rinpol	691.00	NIST Webbook
rinpol	718.00	NIST Webbook
rinpol	692.00	NIST Webbook
rinpol	697.00	NIST Webbook
rinpol	683.00	NIST Webbook
rinpol	692.00	NIST Webbook
rinpol	701.00	NIST Webbook
rinpol	704.00	NIST Webbook
rinpol	697.00	NIST Webbook
rinpol	683.00	NIST Webbook
rinpol	692.00	NIST Webbook
rinpol	701.00	NIST Webbook
rinpol	704.00	NIST Webbook
rinpol	697.00	NIST Webbook
rinpol	683.00	NIST Webbook
rinpol	685.00	NIST Webbook
rinpol	666.00	NIST Webbook
rinpol	671.00	NIST Webbook
rinpol	689.00	NIST Webbook
rinpol	685.00	NIST Webbook
rinpol	685.00	NIST Webbook
rinpol	665.00	NIST Webbook
rinpol	682.00	NIST Webbook
rinpol	661.00	NIST Webbook
rinpol	687.00	NIST Webbook
rinpol	688.00	NIST Webbook
rinpol	705.00	NIST Webbook
rinpol	685.00	NIST Webbook
rinpol	688.00	NIST Webbook
rinpol	706.00	NIST Webbook

rinpol	702.00	NIST Webbook
rinpol	730.00	NIST Webbook
rinpol	705.00	NIST Webbook
rinpol	664.00	NIST Webbook
rinpol	662.00	NIST Webbook
rinpol	687.00	NIST Webbook
rinpol	664.00	NIST Webbook
rinpol	717.00	NIST Webbook
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rinpol	685.00	NIST Webbook
rinpol	682.00	NIST Webbook
rinpol	682.00	NIST Webbook
rinpol	718.00	NIST Webbook
rinpol	730.00	NIST Webbook
rinpol	712.00	NIST Webbook
rinpol	689.00	NIST Webbook
rinpol	703.00	NIST Webbook
rinpol	704.00	NIST Webbook
rinpol	700.00	NIST Webbook
rinpol	703.00	NIST Webbook
rinpol	685.00	NIST Webbook
ripol	1135.00	NIST Webbook
ripol	1105.00	NIST Webbook
ripol	1107.00	NIST Webbook
ripol	1124.00	NIST Webbook
ripol	1122.00	NIST Webbook
ripol	1116.00	NIST Webbook
ripol	1121.00	NIST Webbook
ripol	1130.00	NIST Webbook
ripol	1123.00	NIST Webbook
ripol	1135.00	NIST Webbook
ripol	1116.00	NIST Webbook
ripol	1110.00	NIST Webbook
ripol	1107.00	NIST Webbook
ripol	1091.00	NIST Webbook
ripol	1121.00	NIST Webbook
ripol	1148.00	NIST Webbook
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ripol	1126.00	NIST Webbook
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ripol	1100.00	NIST Webbook
ripol	1116.00	NIST Webbook
ripol	1091.00	NIST Webbook
ripol	1120.00	NIST Webbook
ripol	1135.00	NIST Webbook
ripol	1119.00	NIST Webbook
ripol	1130.00	NIST Webbook
ripol	1117.00	NIST Webbook
ripol	1094.00	NIST Webbook
ripol	1130.00	NIST Webbook
ripol	1113.00	NIST Webbook
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ripol	1129.00	NIST Webbook
ripol	1121.00	NIST Webbook
ripol	1136.00	NIST Webbook
ripol	1129.00	NIST Webbook
ripol	1121.00	NIST Webbook
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ripol	1100.00	NIST Webbook
ripol	1130.00	NIST Webbook
ripol	1138.00	NIST Webbook
ripol	1119.00	NIST Webbook
ripol	1138.00	NIST Webbook
ripol	1100.00	NIST Webbook
ripol	1096.00	NIST Webbook
ripol	1094.00	NIST Webbook
ripol	1120.00	NIST Webbook
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ripol	1139.00		NIST Webbook
ripol	1142.00		NIST Webbook
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ripol	1122.00		NIST Webbook
ripol	1109.00		NIST Webbook
ripol	1109.00		NIST Webbook
ripol	1118.00		NIST Webbook
ripol	1153.00		NIST Webbook
ripol	1112.00		NIST Webbook
ripol	1135.00		NIST Webbook
ripol	1136.00		NIST Webbook
ripol	1124.00		NIST Webbook
ripol	1081.00		NIST Webbook
ripol	1112.00		NIST Webbook
ripol	1123.00		NIST Webbook
ripol	1123.00		NIST Webbook
ripol	1125.00		NIST Webbook
ripol	1114.00		NIST Webbook
ripol	1118.00		NIST Webbook
ripol	1130.00		NIST Webbook
ripol	1142.00		NIST Webbook
ripol	1117.00		NIST Webbook
ripol	1122.00		NIST Webbook
ripol	1138.00		NIST Webbook
ripol	1121.00		NIST Webbook
ripol	1116.00		NIST Webbook
ripol	1140.00		NIST Webbook
sg	392.00 ± 0.90	J/mol×K	NIST Webbook
tb	391.00 ± 1.00	K	NIST Webbook
tb	392.15 ± 1.00	K	NIST Webbook
tb	392.70 ± 0.30	K	NIST Webbook
tb	393.00 ± 0.10	K	NIST Webbook
tb	392.15 ± 1.00	K	NIST Webbook
tb	392.45 ± 0.40	K	NIST Webbook
tb	392.15 ± 2.00	K	NIST Webbook
tb	392.15 ± 2.00	K	NIST Webbook
tb	392.45 ± 0.50	K	NIST Webbook
tb	392.00 ± 1.50	K	NIST Webbook
tb	400.65 ± 3.00	K	NIST Webbook
tb	392.15 ± 1.00	K	NIST Webbook
tb	392.36 ± 0.20	K	NIST Webbook

tb	392.15 ± 2.00	K	NIST Webbook
tb	392.15 ± 1.00	K	NIST Webbook
tb	392.35 ± 0.50	K	NIST Webbook
tb	392.15 ± 1.00	K	NIST Webbook
tb	364.15 ± 2.00	K	NIST Webbook
tb	392.05 ± 0.50	K	NIST Webbook
tb	393.65 ± 2.00	K	NIST Webbook
tb	393.15 ± 2.00	K	NIST Webbook
tb	392.15 ± 1.00	K	NIST Webbook
tb	392.65 ± 1.00	K	NIST Webbook
tb	391.15 ± 1.00	K	NIST Webbook
tb	392.15 ± 2.00	K	NIST Webbook
tb	392.40	K	KDB
tb	392.60 ± 0.50	K	NIST Webbook
tb	391.65 ± 1.00	K	NIST Webbook
tb	392.10	K	NIST Webbook
tb	391.40 ± 1.00	K	NIST Webbook
tb	391.15 ± 2.00	K	NIST Webbook
tb	388.20 ± 3.00	K	NIST Webbook
tb	391.15 ± 4.00	K	NIST Webbook
tb	392.45 ± 1.00	K	NIST Webbook
tb	392.45 ± 0.30	K	NIST Webbook
tb	392.50 ± 1.00	K	NIST Webbook
tb	392.15 ± 1.00	K	NIST Webbook
tb	392.95 ± 0.50	K	NIST Webbook
tb	392.35 ± 0.50	K	NIST Webbook
tb	390.40 ± 2.00	K	NIST Webbook
tb	392.65 ± 0.50	K	NIST Webbook
tb	392.00 ± 0.50	K	NIST Webbook
tb	392.35 ± 0.50	K	NIST Webbook
tb	392.15 ± 1.00	K	NIST Webbook
tc	560.00 ± 0.70	K	NIST Webbook
tc	560.40	K	NIST Webbook
tc	560.30	K	KDB
tc	560.40 ± 0.60	K	NIST Webbook
tc	560.40 ± 0.60	K	NIST Webbook
tc	560.30 ± 0.50	K	NIST Webbook
tc	560.40 ± 0.25	K	NIST Webbook
tf	200.00	K	KDB
tf	211.65	K	Aqueous Solubility Prediction Method
vc	0.329	m3/kmol	NIST Webbook
vc	0.329	m3/kmol	KDB
zc	0.2595350		KDB

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	169.82	J/mol×K	405.54	Joback Method
cpg	216.94	J/mol×K	570.76	Joback Method
cpg	209.82	J/mol×K	543.22	Joback Method
cpg	202.42	J/mol×K	515.68	Joback Method
cpg	194.72	J/mol×K	488.15	Joback Method
cpg	186.73	J/mol×K	460.61	Joback Method
cpg	178.43	J/mol×K	433.08	Joback Method
cpl	149.61	J/mol×K	175.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	227.43	J/mol×K	294.06	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	228.63	J/mol×K	293.71	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	226.30	J/mol×K	291.73	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	224.87	J/mol×K	291.70	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	224.09	J/mol×K	289.75	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	222.07	J/mol×K	289.33	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	221.67	J/mol×K	287.77	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	219.25	J/mol×K	286.94	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	219.38	J/mol×K	285.79	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	216.55	J/mol×K	284.54	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	216.99	J/mol×K	283.81	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	213.77	J/mol×K	282.13	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	214.76	J/mol×K	281.83	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	212.62	J/mol×K	279.86	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	211.18	J/mol×K	279.70	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	210.50	J/mol×K	277.88	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	152.69	J/mol×K	189.12	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	208.61	J/mol×K	277.26	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	208.32	J/mol×K	275.91	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	206.33	J/mol×K	274.80	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	206.27	J/mol×K	273.94	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	203.73	J/mol×K	272.33	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	231.18	J/mol×K	295.69	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	149.17	J/mol×K	173.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	230.08	J/mol×K	296.41	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	233.65	J/mol×K	297.66	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	233.00	J/mol×K	298.75	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	235.81	J/mol×K	299.65	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	235.62	J/mol×K	301.07	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	153.85	J/mol×K	188.97	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	152.22	J/mol×K	187.13	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	153.18	J/mol×K	186.06	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	151.66	J/mol×K	185.13	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	152.41	J/mol×K	183.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	151.22	J/mol×K	183.13	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	150.83	J/mol×K	181.14	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	151.84	J/mol×K	180.22	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	150.37	J/mol×K	179.14	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	151.24	J/mol×K	177.27	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	150.03	J/mol×K	177.14	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	204.25	J/mol×K	271.96	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	150.62	J/mol×K	174.31	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	202.16	J/mol×K	269.99	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	150.12	J/mol×K	171.34	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	148.98	J/mol×K	171.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	153.28	J/mol×K	191.11	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	148.62	J/mol×K	169.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	149.64	J/mol×K	168.38	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	148.38	J/mol×K	167.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	149.14	J/mol×K	165.42	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	148.07	J/mol×K	165.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	147.87	J/mol×K	163.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	148.75	J/mol×K	162.46	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	147.59	J/mol×K	161.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	148.35	J/mol×K	159.50	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	147.41	J/mol×K	159.16	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	147.26	J/mol×K	157.16	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	
cpl	148.06	J/mol×K	156.54	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	
cpl	147.04	J/mol×K	155.16	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	
cpl	147.65	J/mol×K	153.58	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	
cpl	146.86	J/mol×K	153.16	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	
cpl	146.74	J/mol×K	151.16	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	
cpl	147.42	J/mol×K	150.63	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	
cpl	146.66	J/mol×K	149.17	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	
cpl	147.17	J/mol×K	147.68	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	
cpl	146.59	J/mol×K	147.18	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols	

cpl	146.45	J/mol×K	145.18	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	146.91	J/mol×K	144.73	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	139.32	J/mol×K	143.77	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	146.48	J/mol×K	143.19	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	145.81	J/mol×K	142.30	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	139.02	J/mol×K	141.83	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	146.74	J/mol×K	141.77	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	146.34	J/mol×K	141.20	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	145.48	J/mol×K	140.33	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	138.69	J/mol×K	139.90	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	146.22	J/mol×K	139.21	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	146.59	J/mol×K	138.84	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	145.17	J/mol×K	138.36	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	138.35	J/mol×K	137.97	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	146.29	J/mol×K	137.22	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	145.03	J/mol×K	136.39	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	138.34	J/mol×K	136.05	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	146.52	J/mol×K	136.00	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	146.40	J/mol×K	135.24	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	145.14	J/mol×K	134.47	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	138.36	J/mol×K	134.18	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	201.01	J/mol×K	269.84	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	200.17	J/mol×K	268.01	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	154.61	J/mol×K	191.86	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	153.79	J/mol×K	193.10	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	196.40	J/mol×K	264.06	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	154.43	J/mol×K	195.09	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	155.04	J/mol×K	197.08	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	156.28	J/mol×K	197.60	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	155.64	J/mol×K	199.07	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	157.17	J/mol×K	200.45	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	156.37	J/mol×K	201.05	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	157.14	J/mol×K	203.04	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	158.12	J/mol×K	203.28	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	157.90	J/mol×K	205.02	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	159.16	J/mol×K	206.11	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	158.71	J/mol×K	207.00	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	160.23	J/mol×K	208.92	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	159.59	J/mol×K	208.98	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	160.43	J/mol×K	210.96	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	161.38	J/mol×K	211.71	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	161.43	J/mol×K	212.93	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	162.60	J/mol×K	214.50	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	162.36	J/mol×K	214.90	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	163.53	J/mol×K	216.87	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	163.98	J/mol×K	217.27	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	164.58	J/mol×K	218.83	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	165.38	J/mol×K	220.03	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	165.86	J/mol×K	220.79	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	167.19	J/mol×K	222.74	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	166.74	J/mol×K	222.77	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	168.30	J/mol×K	224.69	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	168.21	J/mol×K	225.50	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	169.58	J/mol×K	226.64	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	169.75	J/mol×K	228.21	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	170.97	J/mol×K	228.58	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	172.40	J/mol×K	230.52	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	171.38	J/mol×K	230.92	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	173.26	J/mol×K	232.46	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	173.02	J/mol×K	233.61	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	174.28	J/mol×K	234.41	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	174.82	J/mol×K	236.28	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	198.56	J/mol×K	267.34	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	175.25	J/mol×K	236.37	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	176.25	J/mol×K	238.35	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	176.57	J/mol×K	238.94	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	177.32	J/mol×K	240.33	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	178.24	J/mol×K	241.59	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	178.65	J/mol×K	242.31	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	179.98	J/mol×K	244.22	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	180.19	J/mol×K	244.29	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	181.71	J/mol×K	246.27	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	181.91	J/mol×K	246.84	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	183.24	J/mol×K	248.24	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	183.85	J/mol×K	249.45	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	184.81	J/mol×K	250.22	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	198.15	J/mol×K	266.04	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	186.49	J/mol×K	252.19	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	187.53	J/mol×K	254.17	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	187.26	J/mol×K	254.62	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

cpl	189.21	J/mol×K	256.15	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	189.40	J/mol×K	257.20	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	190.90	J/mol×K	258.13	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	191.63	J/mol×K	259.75	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	192.75	J/mol×K	260.11	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	194.51	J/mol×K	262.08	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	193.87	J/mol×K	262.30	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	155.46	J/mol×K	194.73	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	196.18	J/mol×K	264.83	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols
cpl	185.96	J/mol×K	252.04	Heat Capacities in the Solid and in the Liquid Phase of Isomeric Pentanols

dvisc	0.0028010	Pa×s	303.15	Densities and Viscosities of Binary Mixtures of Cyclohexanone and 2-Alkanols
dvisc	0.0040010	Pa×s	293.15	Viscosity, density, and speed of sound of methylcyclopentane with primary and secondary alcohols at T = (293.15, 298.15, and 303.15) K
dvisc	0.0023340	Pa×s	308.15	Densities and Viscosities of Binary Mixtures of Cyclohexanone and 2-Alkanols
dvisc	0.0019930	Pa×s	313.15	Densities and Viscosities of Binary Mixtures of Cyclohexanone and 2-Alkanols
dvisc	0.0013900	Pa×s	323.15	Studies on physicochemical behavior of binary mixtures containing propanal and Alkan-2-ol
dvisc	0.0033200	Pa×s	298.15	Studies on physicochemical behavior of binary mixtures containing propanal and Alkan-2-ol
dvisc	0.0028100	Pa×s	303.15	Studies on physicochemical behavior of binary mixtures containing propanal and Alkan-2-ol
dvisc	0.0023700	Pa×s	308.15	Studies on physicochemical behavior of binary mixtures containing propanal and Alkan-2-ol
dvisc	0.0019900	Pa×s	313.15	Studies on physicochemical behavior of binary mixtures containing propanal and Alkan-2-ol

dvisc	0.0016600	Pa×s	318.15	Studies on physicochemical behavior of binary mixtures containing propanal and Alkan-2-ol	
dvisc	0.0034780	Pa×s	298.15	Densities and viscosities of binary mixtures of ethylmethylketone and 2-alkanols; application of the ERAS model and cubic EOS	
dvisc	0.0028010	Pa×s	303.15	Densities and viscosities of binary mixtures of ethylmethylketone and 2-alkanols; application of the ERAS model and cubic EOS	
dvisc	0.0023350	Pa×s	308.15	Densities and viscosities of binary mixtures of ethylmethylketone and 2-alkanols; application of the ERAS model and cubic EOS	
dvisc	0.0019930	Pa×s	313.15	Densities and viscosities of binary mixtures of ethylmethylketone and 2-alkanols; application of the ERAS model and cubic EOS	
dvisc	0.0040010	Pa×s	293.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters	

dvisc	0.0032730	Pa×s	298.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters	
dvisc	0.0027080	Pa×s	303.15	Dynamic Viscosities of 2-Pentanol with Alkanes (Octane, Decane, and Dodecane) at Three Temperatures T) (293.15, 298.15, and 303.15) K. New UNIFAC-VISCO Interaction Parameters	
dvisc	0.0040010	Pa×s	293.15	Viscosities, Densities, and Speed of Sound of the Cycloalkanes with Secondary Alcohols at T = (293.15, 298.15, and 303.15) K: New UNIFAC-VISCO Interaction Parameters	
dvisc	0.0032730	Pa×s	298.15	Viscosities, Densities, and Speed of Sound of the Cycloalkanes with Secondary Alcohols at T = (293.15, 298.15, and 303.15) K: New UNIFAC-VISCO Interaction Parameters	

dvisc	0.0027740	Pa×s	303.15	Viscosities, Densities, and Speed of Sound of the Cycloalkanes with Secondary Alcohols at T = (293.15, 298.15, and 303.15) K: New UNIFAC-VISCO Interaction Parameters
dvisc	0.0034990	Pa×s	298.15	Densities and Viscosities of Binary Mixtures of Cyclohexanone and 2-Alkanols
dvisc	0.0027740	Pa×s	303.15	Viscosity, density, and speed of sound of methylcyclopentane with primary and secondary alcohols at T = (293.15, 298.15, and 303.15) K
dvisc	0.0032730	Pa×s	298.15	Viscosity, density, and speed of sound of methylcyclopentane with primary and secondary alcohols at T = (293.15, 298.15, and 303.15) K
hfust	8.48	kJ/mol	200.00	NIST Webbook
hfust	8.48	kJ/mol	200.00	NIST Webbook
hvapt	52.70 ± 0.20	kJ/mol	313.00	NIST Webbook
hvapt	49.00 ± 0.20	kJ/mol	343.00	NIST Webbook
hvapt	50.90 ± 0.20	kJ/mol	328.00	NIST Webbook
hvapt	46.90 ± 0.10	kJ/mol	358.00	NIST Webbook
hvapt	58.90	kJ/mol	333.50	NIST Webbook
hvapt	51.20	kJ/mol	357.50	NIST Webbook
hvapt	53.70	kJ/mol	340.50	NIST Webbook
hvapt	45.40 ± 0.10	kJ/mol	368.00	NIST Webbook
hvapt	50.30	kJ/mol	357.50	NIST Webbook
hvapt	54.00	kJ/mol	345.50	NIST Webbook
pvap	58.00	kPa	377.07	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	48.64	kPa	372.50	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	49.31	kPa	372.91	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	49.87	kPa	373.16	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	50.71	kPa	373.57	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	51.25	kPa	373.88	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	52.03	kPa	374.25	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	52.55	kPa	374.47	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	53.37	kPa	374.85	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	53.95	kPa	375.14	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	54.67	kPa	375.44	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	55.37	kPa	375.83	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	56.01	kPa	376.13	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	56.71	kPa	376.47	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	57.36	kPa	376.74	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	47.93	kPa	372.15	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	58.64	kPa	377.32	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	59.32	kPa	377.65	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	59.97	kPa	377.91	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	60.67	kPa	378.22	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	61.40	kPa	378.56	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	61.97	kPa	378.81	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	62.61	kPa	379.04	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	63.39	kPa	379.39	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	63.91	kPa	379.60	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	64.60	kPa	379.89	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	65.20	kPa	380.13	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	65.99	kPa	380.47	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	66.63	kPa	380.70	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	67.31	kPa	381.00	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	68.01	kPa	381.26	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	68.67	kPa	381.53	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	69.31	kPa	381.76	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	70.21	kPa	382.08	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	70.63	kPa	382.28	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	71.31	kPa	382.55	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	71.95	kPa	382.78	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	72.65	kPa	383.05	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	73.35	kPa	383.29	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	73.93	kPa	383.53	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	74.63	kPa	383.76	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	75.48	kPa	384.09	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	75.99	kPa	384.26	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	76.63	kPa	384.50	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	77.35	kPa	384.74	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	77.93	kPa	384.95	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	79.27	kPa	385.42	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	80.00	kPa	385.65	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	80.56	kPa	385.87	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	81.79	kPa	386.24	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	81.88	kPa	386.32	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	82.68	kPa	386.54	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	83.23	kPa	386.76	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	84.05	kPa	386.96	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	85.27	kPa	387.37	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	86.61	kPa	387.80	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	88.00	kPa	388.23	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	89.39	kPa	388.66	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	90.69	kPa	389.07	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	92.16	kPa	389.51	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	93.44	kPa	389.90	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	94.61	kPa	390.26	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	95.95	kPa	390.65	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	97.27	kPa	391.05	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	98.71	kPa	391.46	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	2.13	kPa	313.15	Vapor-Liquid Equilibria in Binary Systems Formed by n-Hexane with Alcohols	
pvap	4.16	kPa	323.15	Vapor-Liquid Equilibria in Binary Systems Formed by n-Hexane with Alcohols	
pvap	7.57	kPa	333.15	Vapor-Liquid Equilibria in Binary Systems Formed by n-Hexane with Alcohols	
pvap	9.99	kPa	338.15	Vapor-Liquid Equilibria in Binary Systems Formed by n-Hexane with Alcohols	
pvap	47.45	kPa	371.82	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	46.64	kPa	371.47	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	

pvap	45.91	kPa	371.07	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	45.40	kPa	370.74	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	44.75	kPa	370.46	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	44.05	kPa	370.05	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	43.23	kPa	369.58	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	42.73	kPa	369.31	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	41.96	kPa	368.85	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	41.27	kPa	368.44	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	40.64	kPa	368.06	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	39.97	kPa	367.65	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	39.31	kPa	367.24	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	38.64	kPa	366.86	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	37.95	kPa	366.40	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	37.32	kPa	366.01	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	36.71	kPa	365.62	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	35.95	kPa	365.13	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	35.47	kPa	364.84	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	34.64	kPa	364.28	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	34.05	kPa	363.85	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	33.35	kPa	363.38	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	32.73	kPa	362.93	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	32.13	kPa	362.50	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	31.59	kPa	362.10	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	30.68	kPa	361.45	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	30.29	kPa	361.12	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	29.41	kPa	360.50	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	29.25	kPa	360.35	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	28.67	kPa	359.91	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	28.19	kPa	359.53	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	27.45	kPa	359.01	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	27.32	kPa	358.88	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	27.45	kPa	358.83	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	26.75	kPa	358.23	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	26.00	kPa	357.79	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	26.20	kPa	357.76	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	25.47	kPa	357.15	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	24.84	kPa	356.55	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	24.44	kPa	356.39	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	24.12	kPa	355.92	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	
pvap	23.55	kPa	355.42	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols	

pvap	22.83	kPa	354.72	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	22.16	kPa	354.12	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	21.40	kPa	353.35	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	21.20	kPa	353.15	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	21.19	kPa	353.10	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	21.12	kPa	353.05	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	20.96	kPa	352.89	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	20.83	kPa	352.76	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	20.72	kPa	352.70	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	20.65	kPa	352.60	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	20.43	kPa	352.33	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	20.00	kPa	351.88	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	19.96	kPa	351.64	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	19.31	kPa	350.93	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	18.63	kPa	350.16	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	17.95	kPa	349.38	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	17.32	kPa	348.68	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	16.63	kPa	347.80	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	15.96	kPa	347.02	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	15.31	kPa	346.15	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	13.99	kPa	344.38	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	13.16	kPa	343.38	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	13.11	kPa	343.30	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	13.07	kPa	343.26	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	13.00	kPa	343.15	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	12.97	kPa	342.88	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	12.77	kPa	342.83	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	12.52	kPa	342.20	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	12.11	kPa	341.54	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	11.67	kPa	340.82	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	11.21	kPa	340.10	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	10.81	kPa	339.44	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	10.43	kPa	338.74	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	9.95	kPa	337.85	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	9.59	kPa	337.20	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	9.19	kPa	336.37	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	9.17	kPa	336.34	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	8.77	kPa	335.52	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	8.33	kPa	334.61	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	7.99	kPa	333.88	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	7.76	kPa	333.37	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	7.52	kPa	333.15	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	7.43	kPa	332.92	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	7.31	kPa	332.61	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	7.40	kPa	332.55	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	7.17	kPa	332.29	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	7.08	kPa	331.78	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	6.71	kPa	330.86	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	6.33	kPa	329.90	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	6.16	kPa	329.66	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	6.04	kPa	329.11	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	5.95	kPa	329.11	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	5.91	kPa	329.05	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	5.64	kPa	328.23	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	5.71	kPa	328.19	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	5.43	kPa	327.64	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	5.20	kPa	327.15	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	5.27	kPa	326.99	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	4.89	kPa	326.22	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	4.93	kPa	326.00	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

pvap	4.67	kPa	325.09	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	4.39	kPa	324.55	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	4.41	kPa	324.19	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	4.16	kPa	323.84	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols
pvap	101.38	kPa	392.26	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	100.03	kPa	392.07	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	97.55	kPa	391.31	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	95.02	kPa	390.55	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	92.52	kPa	389.76	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	90.09	kPa	389.00	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane

pvap	87.55	kPa	388.19	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	85.01	kPa	387.35	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	82.58	kPa	386.56	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	80.03	kPa	385.64	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	77.59	kPa	384.79	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	75.05	kPa	383.88	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	72.56	kPa	382.90	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	70.03	kPa	381.96	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	67.58	kPa	381.01	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	65.05	kPa	379.97	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane

pvap	62.45	kPa	378.95	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	60.03	kPa	377.81	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	57.48	kPa	376.68	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	55.03	kPa	375.51	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	52.58	kPa	374.33	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	50.02	kPa	373.05	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	47.54	kPa	371.77	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	45.07	kPa	370.52	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	42.51	kPa	369.03	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	40.03	kPa	367.49	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane

pvap	37.56	kPa	366.00	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	35.08	kPa	364.38	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	32.55	kPa	362.76	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	30.03	kPa	360.81	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	27.47	kPa	358.86	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	25.05	kPa	356.60	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	22.55	kPa	354.47	Solvent Effects on Vapor Liquid Equilibria of the Binary System 1-Hexene + n-Hexane
pvap	2.29	kPa	313.15	Characterizing second generation biofuels: Excess enthalpies and vapour-liquid equilibria of the binary mixtures containing 1-pentanol or 2-pentanol and n-hexane

pvap	2.29	kPa	313.15	Thermodynamic behaviour of second generation biofuels: Vapour liquid equilibria and excess enthalpies of the binary mixtures 2-pentanol and n-heptane or 2,2,4-trimethylpentane
pvap	97.33	kPa	391.32	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	94.66	kPa	390.53	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	87.99	kPa	388.47	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	75.99	kPa	384.42	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	70.66	kPa	382.45	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	65.33	kPa	380.36	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	59.99	kPa	378.13	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	55.99	kPa	376.35	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	52.00	kPa	374.46	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	48.00	kPa	372.45	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2

pvap	44.00	kPa	370.31	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	40.00	kPa	368.00	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	36.66	kPa	365.92	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	33.33	kPa	363.69	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	30.00	kPa	361.26	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	26.66	kPa	358.61	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	24.00	kPa	356.29	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	21.33	kPa	353.74	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	18.66	kPa	350.91	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	81.33	kPa	386.27	Vapor pressure of selected aliphatic alcohols by ebulliometry. Part 2
pvap	14.65	kPa	345.27	Vapor-Liquid Equilibria in Binary Systems Formed by Cyclohexane with Alcohols

rfi	1.39900	308.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of Methyl Ethyl Ketone + Pentanol Isomers at Different Temperatures
rfi	1.39500	318.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of Methyl Ethyl Ketone + Pentanol Isomers at Different Temperatures
rfi	1.40320	298.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of Methyl Ethyl Ketone + Pentanol Isomers at Different Temperatures
rfi	1.40450	298.15	Densities, Viscosities, and Refractive Indices of Binary Mixtures of Acetophenone and 2-Alkanols
rfi	1.37030	308.15	Densities, viscosities, excess molar volumes, and refractive indices of acetonitrile and 2-alkanols binary mixtures at different temperatures: Experimental results and application of the Prigogine Flory Patterson theory

rfi	1.37240	303.15	Densities, viscosities, excess molar volumes, and refractive indices of acetonitrile and 2-alkanols binary mixtures at different temperatures: Experimental results and application of the Prigogine Flory Patterson theory	
rfi	1.40450	298.15	Densities, viscosities, excess molar volumes, and refractive indices of acetonitrile and 2-alkanols binary mixtures at different temperatures: Experimental results and application of the Prigogine Flory Patterson theory	
rfi	1.40600	293.15	Densities, viscosities, excess molar volumes, and refractive indices of acetonitrile and 2-alkanols binary mixtures at different temperatures: Experimental results and application of the Prigogine Flory Patterson theory	
rfi	1.40490	298.20	Experimental and modeling study of liquid phase equilibria for (water + phosphoric acid + sec-alcohols) systems	
rfi	1.40216	303.15	Liquid-liquid equilibria for ternary mixtures of 1-alkyl-3-methyl imidazolium bis{(trifluoromethyl)sulfonyl}imides, n-hexane and organic compounds at 303.15 K and 0.1 MPa	

rhol	784.00	kg/m3	323.15	Densities and Viscosities of Binary Mixtures Containing Ethyl Formate and 2-Alkanols: Friction Theory and Free Volume Theory	
rhol	806.57	kg/m3	298.15	Isobaric Vapor Liquid Equilibria of Binary Systems (Propyl Acetate + n-Pentanol), (Propyl Acetate + 1-Methyl-1-butanol), and (Propyl Acetate + 3-Methyl-1-butanol) at 101.3 kPa	
rhol	779.46	kg/m3	328.15	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa	
rhol	783.99	kg/m3	323.15	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa	
rhol	788.42	kg/m3	318.15	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa	
rhol	792.78	kg/m3	313.15	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa	
rhol	797.05	kg/m3	308.15	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa	

rhol	801.24	kg/m3	303.15	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa
rhol	805.35	kg/m3	298.15	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa
rhol	809.38	kg/m3	293.15	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa
rhol	813.34	kg/m3	288.15	Densities and Viscosities for Binary Liquid Mixtures of Pentanol Isomers from (288.15 to 328.15) K at 0.1 MPa
rhol	770.37	kg/m3	338.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa
rhol	775.07	kg/m3	333.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa

rhol	779.67	kg/m3	328.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa
rhol	784.19	kg/m3	323.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa
rhol	788.63	kg/m3	318.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa
rhol	792.98	kg/m3	313.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa
rhol	797.25	kg/m3	308.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa

rhol	801.44	kg/m3	303.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa
rhol	805.55	kg/m3	298.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa
rhol	809.59	kg/m3	293.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa
rhol	813.55	kg/m3	288.15	Densities and Viscosities for Binary Liquid Mixtures of Biodiesel + 1-Pentanol, 2-Pentanol, or 2-Methyl-1-Butanol from (288.15 to 338.15) K at 0.1 MPa
rhol	784.00	kg/m3	323.15	Influence of Temperature and Carbon Chain on Thermophysical Properties of Benzaldehyde/Alkan-2-ol Binary Mixtures
rhol	788.40	kg/m3	318.15	Influence of Temperature and Carbon Chain on Thermophysical Properties of Benzaldehyde/Alkan-2-ol Binary Mixtures

rhol	792.70	kg/m3	313.15	Influence of Temperature and Carbon Chain on Thermophysical Properties of Benzaldehyde/Alkan-2-ol Binary Mixtures
rhol	797.00	kg/m3	308.15	Influence of Temperature and Carbon Chain on Thermophysical Properties of Benzaldehyde/Alkan-2-ol Binary Mixtures
rhol	801.20	kg/m3	303.15	Influence of Temperature and Carbon Chain on Thermophysical Properties of Benzaldehyde/Alkan-2-ol Binary Mixtures
rhol	805.30	kg/m3	298.15	Influence of Temperature and Carbon Chain on Thermophysical Properties of Benzaldehyde/Alkan-2-ol Binary Mixtures
rhol	809.30	kg/m3	293.15	Influence of Temperature and Carbon Chain on Thermophysical Properties of Benzaldehyde/Alkan-2-ol Binary Mixtures
rhol	784.00	kg/m3	323.15	Studies on Thermodynamic and Transport Properties of Binary Mixtures Containing Alcohols and Aniline
rhol	788.40	kg/m3	318.15	Studies on Thermodynamic and Transport Properties of Binary Mixtures Containing Alcohols and Aniline
rhol	792.70	kg/m3	313.15	Studies on Thermodynamic and Transport Properties of Binary Mixtures Containing Alcohols and Aniline

rhol	797.00	kg/m3	308.15	Studies on Thermodynamic and Transport Properties of Binary Mixtures Containing Alcohols and Aniline
rhol	801.20	kg/m3	303.15	Studies on Thermodynamic and Transport Properties of Binary Mixtures Containing Alcohols and Aniline
rhol	805.30	kg/m3	298.15	Studies on Thermodynamic and Transport Properties of Binary Mixtures Containing Alcohols and Aniline
rhol	809.30	kg/m3	293.15	Studies on Thermodynamic and Transport Properties of Binary Mixtures Containing Alcohols and Aniline
rhol	784.00	kg/m3	323.15	Evaluation of thermodynamic properties of fluid mixtures by PC-SAFT model
rhol	788.40	kg/m3	318.15	Evaluation of thermodynamic properties of fluid mixtures by PC-SAFT model
rhol	792.70	kg/m3	313.15	Evaluation of thermodynamic properties of fluid mixtures by PC-SAFT model
rhol	797.00	kg/m3	308.15	Evaluation of thermodynamic properties of fluid mixtures by PC-SAFT model
rhol	801.20	kg/m3	303.15	Evaluation of thermodynamic properties of fluid mixtures by PC-SAFT model
rhol	805.30	kg/m3	298.15	Evaluation of thermodynamic properties of fluid mixtures by PC-SAFT model

rhol	809.30	kg/m3	293.15	Evaluation of thermodynamic properties of fluid mixtures by PC-SAFT model
rhol	792.70	kg/m3	313.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	796.97	kg/m3	308.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	801.16	kg/m3	303.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	805.27	kg/m3	298.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	809.30	kg/m3	293.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure

rhol	813.27	kg/m3	288.15	Volumetric properties of binary liquid mixtures of alcohols with 1,2-dichloroethane at different temperatures and atmospheric pressure
rhol	806.48	kg/m3	298.15	Excess volumes and partial molar volumes of binary liquid mixtures of furfural or 2-methylfuran with alcohols at 298.15 K
rhol	805.40	kg/m3	298.15	Thermodynamic Properties of Binary Mixtures Containing N,N-Dimethylacetamide + 2-Alkanol: Experimental Data and Modeling
rhol	797.08	kg/m3	308.15	Acoustic, volumetric and spectral studies of binary liquid mixtures of aliphatic dialkylamine and 2-alkanols at different temperatures
rhol	801.27	kg/m3	303.15	Acoustic, volumetric and spectral studies of binary liquid mixtures of aliphatic dialkylamine and 2-alkanols at different temperatures
rhol	805.37	kg/m3	298.15	Acoustic, volumetric and spectral studies of binary liquid mixtures of aliphatic dialkylamine and 2-alkanols at different temperatures

rhol	809.40	kg/m3	293.15	Acoustic, volumetric and spectral studies of binary liquid mixtures of aliphatic dialkylamine and 2-alkanols at different temperatures
rhol	824.00	kg/m3	273.65	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	823.60	kg/m3	274.15	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	823.20	kg/m3	274.65	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	822.80	kg/m3	275.15	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	822.50	kg/m3	275.65	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	822.10	kg/m3	276.15	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	821.70	kg/m3	276.65	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	821.30	kg/m3	277.15	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	820.90	kg/m3	277.65	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	820.60	kg/m3	278.15	Temperature of maximum density for aqueous mixtures of three pentanol isomers

rhol	820.20	kg/m3	278.65	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	819.80	kg/m3	279.15	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	819.40	kg/m3	279.65	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	819.10	kg/m3	280.15	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	818.70	kg/m3	280.65	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	818.30	kg/m3	281.15	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	817.90	kg/m3	281.65	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	817.50	kg/m3	282.15	Temperature of maximum density for aqueous mixtures of three pentanol isomers
rhol	805.37	kg/m3	298.20	Liquid-liquid equilibrium in systems used for the production of 5-hydroxymethylfurfural from biomass using alcohols as solvents
rhol	779.17	kg/m3	328.15	The study of physico-chemical properties of binary systems consisting of N-Methylcyclohexylamine with 2-alkanols at T = (298.15-328.15) K

rhol	788.38	kg/m3	318.15	The study of physico-chemical properties of binary systems consisting of N-Methylcyclohexylamine with 2-alkanols at T = (298.15-328.15) K
rhol	796.95	kg/m3	308.15	The study of physico-chemical properties of binary systems consisting of N-Methylcyclohexylamine with 2-alkanols at T = (298.15-328.15) K
rhol	805.37	kg/m3	298.15	The study of physico-chemical properties of binary systems consisting of N-Methylcyclohexylamine with 2-alkanols at T = (298.15-328.15) K
rhol	784.00	kg/m3	323.15	Thermodynamic and transport properties of binary mixtures; friction theory coupled with PC-SAFT model
rhol	788.40	kg/m3	318.15	Thermodynamic and transport properties of binary mixtures; friction theory coupled with PC-SAFT model
rhol	800.90	kg/m3	303.15	Thermodynamic Properties of Binary Mixtures Containing N,N-Dimethylacetamide + 2-Alkanol: Experimental Data and Modeling
rhol	797.00	kg/m3	308.15	Thermodynamic and transport properties of binary mixtures; friction theory coupled with PC-SAFT model

rhol	801.20	kg/m3	303.15	Thermodynamic and transport properties of binary mixtures; friction theory coupled with PC-SAFT model
rhol	809.30	kg/m3	293.15	Thermodynamic and transport properties of binary mixtures; friction theory coupled with PC-SAFT model
rhol	798.00	kg/m3	308.15	Excess molar enthalpies of the binary systems: (Dibutyl ether + isomers of pentanol) at T = (298.15 and 308.15) K
rhol	806.11	kg/m3	298.15	Excess molar enthalpies of the binary systems: (Dibutyl ether + isomers of pentanol) at T = (298.15 and 308.15) K
rhol	792.62	kg/m3	313.15	Densities and viscosities of the mixtures (formamide + 2-alkanol): Experimental and theoretical approaches
rhol	796.89	kg/m3	308.15	Densities and viscosities of the mixtures (formamide + 2-alkanol): Experimental and theoretical approaches
rhol	800.88	kg/m3	303.15	Densities and viscosities of the mixtures (formamide + 2-alkanol): Experimental and theoretical approaches
rhol	805.05	kg/m3	298.15	Densities and viscosities of the mixtures (formamide + 2-alkanol): Experimental and theoretical approaches

rhol	796.90	kg/m3	308.15	Thermodynamic Properties of Binary Mixtures Containing N,N-Dimethylacetamide + 2-Alkanol: Experimental Data and Modeling
rhol	792.60	kg/m3	313.15	Thermodynamic Properties of Binary Mixtures Containing N,N-Dimethylacetamide + 2-Alkanol: Experimental Data and Modeling
rhol	809.30	kg/m3	293.15	Densities and Viscosities of Binary Mixtures Containing Ethyl Formate and 2-Alkanols: Friction Theory and Free Volume Theory
rhol	805.30	kg/m3	298.15	Densities and Viscosities of Binary Mixtures Containing Ethyl Formate and 2-Alkanols: Friction Theory and Free Volume Theory
rhol	801.20	kg/m3	303.15	Densities and Viscosities of Binary Mixtures Containing Ethyl Formate and 2-Alkanols: Friction Theory and Free Volume Theory
rhol	805.30	kg/m3	298.15	Thermodynamic and transport properties of binary mixtures; friction theory coupled with PC-SAFT model
rhol	797.00	kg/m3	308.15	Densities and Viscosities of Binary Mixtures Containing Ethyl Formate and 2-Alkanols: Friction Theory and Free Volume Theory

rhol	792.70	kg/m3	313.15	Densities and Viscosities of Binary Mixtures Containing Ethyl Formate and 2-Alkanols: Friction Theory and Free Volume Theory
rhol	788.40	kg/m3	318.15	Densities and Viscosities of Binary Mixtures Containing Ethyl Formate and 2-Alkanols: Friction Theory and Free Volume Theory
rhol	810.10	kg/m3	293.15	Effect of 1-ethyl-3-methylimidazolium tetrafluoroborate on the phase equilibria for systems containing 5-hydroxymethylfurfural, water, organic solvent in the absence and presence of sodium chloride
rhol	792.70	kg/m3	313.15	Thermodynamic and transport properties of binary mixtures; friction theory coupled with PC-SAFT model
speedsl	1168.10	m/s	313.15	Excess Molar Enthalpy, Density, and Speed of Sound for the Mixtures a-Pinene + 1- or 2-Pentanol at (283.15, 298.15, and 313.15) K
speedsl	1232.60	m/s	298.15	Excess Molar Enthalpy, Density, and Speed of Sound for the Mixtures a-Pinene + 1- or 2-Pentanol at (283.15, 298.15, and 313.15) K

speedsl	1286.70	m/s	283.15	Excess Molar Enthalpy, Density, and Speed of Sound for the Mixtures a-Pinene + 1- or 2-Pentanol at (283.15, 298.15, and 313.15) K
srf	0.02	N/m	298.15	Surface Tension of Dilute Solutions of Linear Alcohols in Benzyl Alcohol
srf	0.02	N/m	318.15	Surface Tension of Dilute Solutions of Linear Alcohols in Benzyl Alcohol
srf	0.02	N/m	323.15	Surface Tension of Dilute Solutions of Linear Alcohols in Benzyl Alcohol
srf	0.02	N/m	303.15	Surface Tension of Dilute Solutions of Linear Alcohols in Benzyl Alcohol
srf	0.02	N/m	308.15	Surface Tension of Dilute Solutions of Linear Alcohols in Benzyl Alcohol
srf	0.02	N/m	313.15	Surface Tension of Dilute Solutions of Linear Alcohols in Benzyl Alcohol
srf	0.02	N/m	293.15	Surface Tension of Dilute Solutions of Linear Alcohols in Benzyl Alcohol

Correlations

Information	Value
Property code	pvap
Equation	ln(Pvp) = A + B/(T + C)
Coeff. A	1.42610e+01
Coeff. B	-2.72373e+03
Coeff. C	-1.09535e+02

Temperature range (K), min.	304.46
Temperature range (K), max.	413.88

Information	Value
Property code	pvap
Equation	ln(Pvp) = A + B/T + C*ln(T) + D*T^2
Coeff. A	1.30709e+02
Coeff. B	-1.10289e+04
Coeff. C	-1.66000e+01
Coeff. D	7.56865e-06
Temperature range (K), min.	200.00
Temperature range (K), max.	552.00

Sources

Effect of 1-ethyl-3-methylimidazolium tetrafluoroborate on the phase equilibria for systems containing 2-butoxyethanol + water + organic solvent in the absence and presence of salt at different temperatures.	https://www.doi.org/10.1016/j.jct.2019.01.001
Densities, viscosities, excess molar volumes, and refractive indices of binary mixtures of propanoic acid + 2-methylpropan-1-ol, + 3-methylbutan-1-ol, + 2-methylpropan-2-ol, + 2-methylbutan-2-ol, + 3-methylbutan-2-ol, and + 2,3-dimethylbutan-2-ol at (293.15, 298.15, 303.15, 308.15, and 313.15) K:	https://www.doi.org/10.1016/j.tca.2009.06.015
Study on thermophysical behavior of binary mixtures containing propanal and 1-alkanol at different temperatures.	https://www.doi.org/10.1016/j.jct.2017.07.004
Enhancing Second-generation biodiesels: Experimental results and application of the Group Contribution Theory.	https://www.doi.org/10.1016/j.fluid.2016.05.031
The influence of cation and anion temperature on the liquid-liquid equilibrium of 1-alkanol or 2-pentanol + n-heptane + water systems: (Dibutyl ether + isomers of pentanol) at T = (298.15 and 308.15) K:	https://www.doi.org/10.1016/j.fluid.2011.03.018
Excess molar enthalpies of the binary systems: (Dibutyl ether + isomers of pentanol) at T = (298.15 and 308.15) K:	https://www.doi.org/10.1016/j.jct.2015.03.021
Densities and Viscosities of Binary Mixtures Containing Diethylene Glycol and 2-Alkanol.	https://www.doi.org/10.1021/je300827f
Acoustic, volumetric and spectral studies of binary liquid mixtures of aliphatic alkylamine and 2-alkanols at different temperatures.	https://www.doi.org/10.1016/j.jct.2018.12.012
A thermodynamic study of the heterodimeric [FeFe]-hydrogenase reduction of 2-alkanones in non-aqueous solvents:	https://www.doi.org/10.1016/j.jct.2004.08.002
Phase equilibria of the water + 1-butanol + 2-pentanol ternary system at 101.3 kPa.	https://www.doi.org/10.1016/j.jct.2018.03.024
The study of physico-chemical properties of binary systems containing 1-ethyl-3-methylimidazolium ethyl sulfate and 1-alkanols at T = (298.15-328.15) K:	https://www.doi.org/10.1016/j.jct.2017.02.023
Isobaric Vapor-Liquid Equilibrium Data of Binary Systems (Propyl Acetate + 2-Alkanol) at 101.3 kPa.	https://www.doi.org/10.1021/je901063s
Excess Molar Enthalpy, Density, and Viscosity Measurement, Critical Solution Temperature, and Liquid–Liquid Equilibrium Correlation for 1-Butanol + Water + 2-Butanol at 298.15 K.	https://www.doi.org/10.1021/je4007184
Need of Sound for the Mixtures Containing Cyclohexanol and 2-Alkanol (2-Butanol and 2-Pentanol) at 303.15, 308.15, and 313.15) K:	https://www.doi.org/10.1021/je060210c
KDB Pure (Korean Thermophysical Properties Databank):	http://pubs.acs.org/doi/suppl/10.1021/ci034243x/suppl_file/ci034243xsi20040112_053635.txt
Liquid-liquid equilibria for ternary mixtures of 1-alkyl-3-methyl imidazolium	https://www.cheric.org/research/kdb/hcprop/showprop.php?cmpid=826
Densities, Viscosities, and Refractive Indices of Binary Mixtures of Imidazolium Ionic Liquids, 1-Alkanols, and Organic Carbonates at 293.15 K and 0.1 MPa.	https://www.doi.org/10.1016/j.jct.2016.08.033
Vapor pressures of selected aliphatic alcohols by ebulliometry. Part 2 :	https://www.doi.org/10.1021/je9005823
Measurement of Infinite Dilution Activity Coefficients of Alcohols, Ketones, and Aromatic Hydrocarbons	https://www.doi.org/10.1016/j.fluid.2010.06.020
Volumetric properties of binary liquid mixtures of alcohols with 1-ethyl-3-methylimidazolium tetrafluoroborate and	https://www.doi.org/10.1021/je800246v
Solubility of Ethane at Different Temperatures in Dane Salt Plasticized Cellulose Triacetate Membranes	https://www.doi.org/10.1016/j.tca.2012.05.004
Liquid–Liquid Equilibrium Data for Ternary Systems Containing 1-Alkanol + 2-Alkanone + Water at 298.15 K	https://www.doi.org/10.1021/je800506q
Isobaric Vapor–Liquid Equilibrium Data for Binary Systems of 1-Butanol + 2-Butanol, + 2-Methyl-1-propanol, + 2-Methyl-2-propanol, + 2-Butanone, + Diethyl Ether, + Ethyl Acetate, + Tetrahydrofuran, + Cyclohexane, + Methanol, + Ethanol, + 1-Propanol, + 2-Propanol, + 1-Butanol, + 2-Butanol, + 2-Methyl-1-propanol, + 2-Methyl-2-propanol, + 1-Pentanol, + 2-Pentanol, + 3-Pentanol, + 2-Methyl-1-butanol, + 3-Methyl-1-butanol, + 2-Methyl-2-butanol, + 3-Methyl-2-butanol, + 2,2-Dimethyl-1-propanol, + 2-Methyltetrahydrofuran, + Hexane, + Heptane, + Octane, + Benzene, + Toluene, + Ethylbenzene, + Chloroform, + Dichloromethane, + Trichloroethylene, + Tetrachloroethylene, + 1,2-Dichloroethane, + 1,1,2-Trichloroethane, + 1,1,2,2-Tetrachloroethane, + Chlorobenzene, + 1,2-Dichlorobenzene, + Acetonitrile, + Nitromethane, + Water, + 1-Nitropropane, + 2-Nitropropane, + Pyridine, + Dimethyl Sulfoxide, + Sulfolane, + Furfural, + Ethylene Glycol, + Diethylene Glycol, + Triethylene Glycol, + Propylene Glycol, + 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Legend

chl:	Standard liquid enthalpy of combustion
cpg:	Ideal gas heat capacity
cpl:	Liquid phase heat capacity
dvisc:	Dynamic viscosity
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hfl:	Liquid phase enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hfust:	Enthalpy of fusion at a given temperature
hvap:	Enthalpy of vaporization at standard conditions
hvapt:	Enthalpy of vaporization at a given temperature
ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
nfpaf:	NFPA Fire Rating
nfpah:	NFPA Health Rating
pc:	Critical Pressure
pvap:	Vapor pressure
rfi:	Refractive Index
rhoc:	Critical density
rhol:	Liquid Density
rinpol:	Non-polar retention indices
ripol:	Polar retention indices
sg:	Molar entropy at standard conditions
speedsl:	Speed of sound in fluid
srf:	Surface Tension
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume
zc:	Critical Compressibility

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