

2(1H)-Pyridinone, 1-propyl-

Other names:	2(1H)-Pyridone, 1-propyl- 1-Propyl-2(1H)-pyridone 1-Propyl-2-pyridone N-n-Propyl-2-pyridone 1-Propyl-2(1h)-pyridinone
Inchi:	InChI=1S/C8H11NO/c1-2-6-9-7-4-3-5-8(9)10/h3-5,7H,2,6H2,1H3
InchiKey:	RBLWIBNMCJMLBU-UHFFFAOYSA-N
Formula:	C8H11NO
SMILES:	CCCn1cccc1=O
Mol. weight [g/mol]:	137.18
CAS:	19006-63-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.57		Crippen Method
logp	1.258		Crippen Method
mcpvol	115.670	ml/mol	McGowan Method

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	410.00 ± 1.00	K	1.90	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C19006634&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tbrp:	Boiling point at reduced pressure

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