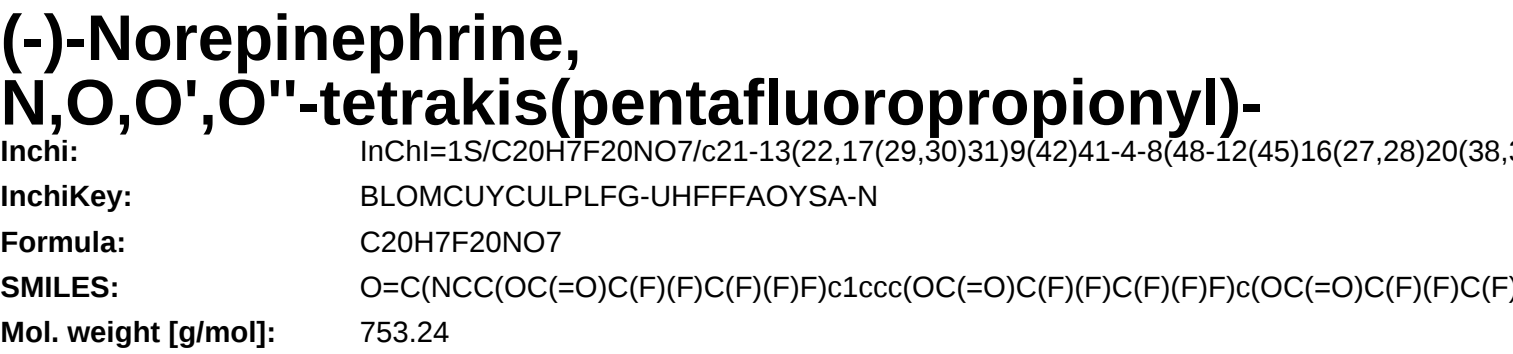




Physical Properties

Property code	Value	Unit	Source
gf	-4406.54	kJ/mol	Joback Method
hf	-5033.53	kJ/mol	Joback Method
hfus	54.64	kJ/mol	Joback Method
hvap	77.27	kJ/mol	Joback Method
log10ws	-8.44		Crippen Method
logp	5.988		Crippen Method
mcvol	338.170	ml/mol	McGowan Method
pc	884.19	kPa	Joback Method
rinpol	1520.00		NIST Webbook
rinpol	1520.00		NIST Webbook
tb	985.67	K	Joback Method
tc	1231.36	K	Joback Method
tf	701.85	K	Joback Method
vc	1.427	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	1125.64	J/mol×K	985.67	Joback Method
cpg	1134.18	J/mol×K	1026.62	Joback Method
cpg	1142.20	J/mol×K	1067.57	Joback Method
cpg	1149.99	J/mol×K	1108.51	Joback Method
cpg	1157.84	J/mol×K	1149.46	Joback Method
cpg	1166.04	J/mol×K	1190.41	Joback Method
cpg	1174.87	J/mol×K	1231.36	Joback Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U375716&Units=SI

Legend

cpg:	Ideal gas heat capacity
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rlnpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

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