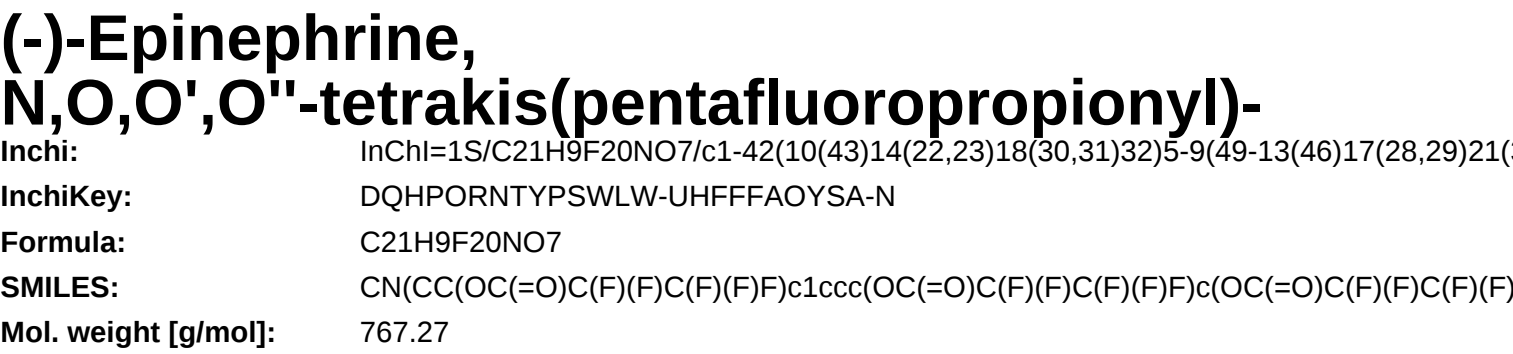




Physical Properties

Property code	Value	Unit	Source
gf	-4376.73	kJ/mol	Joback Method
hf	-5040.11	kJ/mol	Joback Method
hfus	55.15	kJ/mol	Joback Method
hvap	75.10	kJ/mol	Joback Method
log10ws	-8.24		Crippen Method
logp	6.330		Crippen Method
mcvol	352.260	ml/mol	McGowan Method
pc	828.59	kPa	Joback Method
rinpol	1540.00		NIST Webbook
rinpol	1540.00		NIST Webbook
tb	970.82	K	Joback Method
tc	1213.39	K	Joback Method
tf	692.93	K	Joback Method
vc	1.466	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	1174.43	J/mol×K	970.82	Joback Method
cpg	1184.03	J/mol×K	1011.25	Joback Method
cpg	1193.01	J/mol×K	1051.68	Joback Method
cpg	1201.68	J/mol×K	1092.11	Joback Method
cpg	1210.31	J/mol×K	1132.53	Joback Method
cpg	1219.22	J/mol×K	1172.96	Joback Method
cpg	1228.68	J/mol×K	1213.39	Joback Method

Sources

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=U375694&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

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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