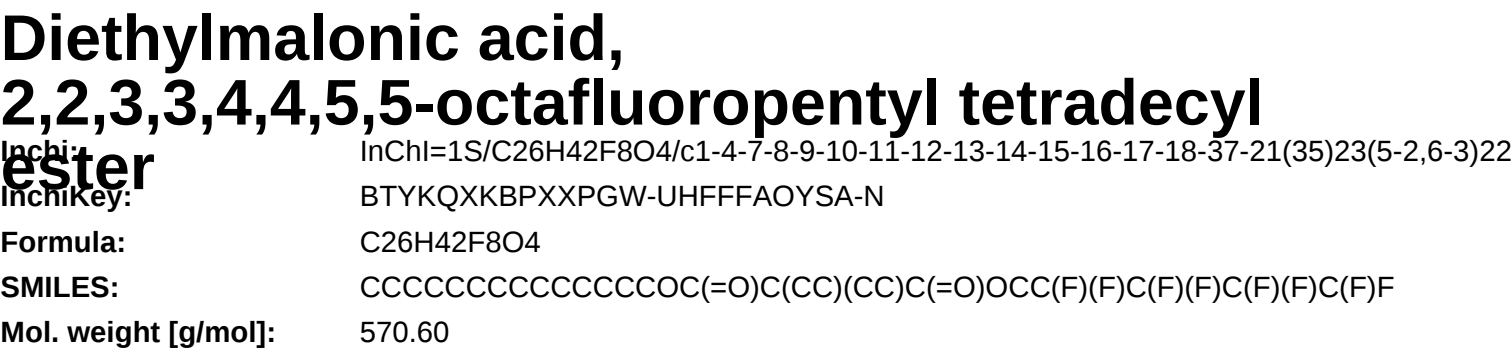




Physical Properties

Property code	Value	Unit	Source
gf	-1849.36	kJ/mol	Joback Method
hf	-2678.73	kJ/mol	Joback Method
hfus	60.13	kJ/mol	Joback Method
hvap	79.67	kJ/mol	Joback Method
log10ws	-9.45		Crippen Method
logp	8.751		Crippen Method
mcvol	406.240	ml/mol	McGowan Method
pc	658.14	kPa	Joback Method
rinpol	2398.00		NIST Webbook
tb	927.66	K	Joback Method
tc	1150.90	K	Joback Method
tf	526.50	K	Joback Method
vc	1.633	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	1400.26	J/mol×K	927.66	Joback Method
cpg	1420.69	J/mol×K	964.87	Joback Method
cpg	1439.73	J/mol×K	1002.07	Joback Method
cpg	1457.56	J/mol×K	1039.28	Joback Method
cpg	1474.31	J/mol×K	1076.49	Joback Method
cpg	1490.15	J/mol×K	1113.69	Joback Method
cpg	1505.23	J/mol×K	1150.90	Joback Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U370662&Units=SI
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

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
rmpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point
vc:	Critical Volume

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