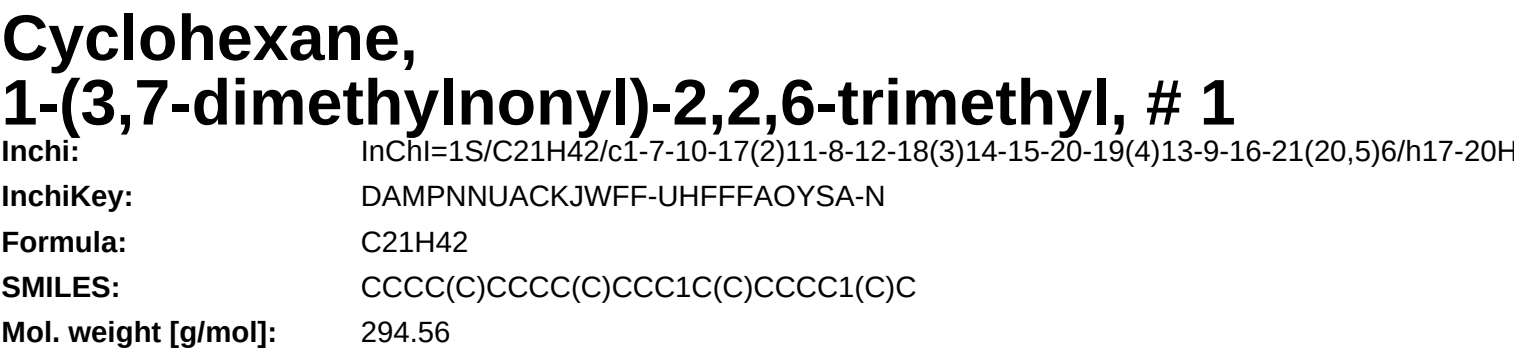




Physical Properties

Property code	Value	Unit	Source
gf	124.60	kJ/mol	Joback Method
hf	-458.45	kJ/mol	Joback Method
hfus	30.78	kJ/mol	Joback Method
hvap	60.22	kJ/mol	Joback Method
log10ws	-7.30		Crippen Method
logp	7.472		Crippen Method
mcvol	295.890	ml/mol	McGowan Method
pc	1086.35	kPa	Joback Method
rinpol	1839.00		NIST Webbook
rinpol	1839.00		NIST Webbook
tb	689.45	K	Joback Method
tc	876.65	K	Joback Method
tf	319.23	K	Joback Method
vc	1.129	m3/kmol	Joback Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	898.36	J/mol×K	689.45	Joback Method
cpg	923.50	J/mol×K	720.65	Joback Method
cpg	947.52	J/mol×K	751.85	Joback Method
cpg	970.52	J/mol×K	783.05	Joback Method
cpg	992.59	J/mol×K	814.25	Joback Method
cpg	1013.81	J/mol×K	845.45	Joback Method
cpg	1034.28	J/mol×K	876.65	Joback Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R553694&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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

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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