DISILOXANE, HEXAETHYL-

Other names: Hexaethyldisiloxane
1,1,1,3,3,3-Hexaethyldisiloxane
Inchi: InChI=1S/C12H30OSi2/c1-7-14(8-2,9-3)13-15(10-4,11-5)12-6/h7-12H2,1-6H3
InchiKey: WILBTFWIBAOWLN-UHFFFAOYSA-N
Formula: C12H30OSi2
SMILES: CC[Si](CC)(CC)O[Si](CC)(CC)CC
Mol. weight [g/mol]: 246.54

Physical Properties

Property code	Value	Unit	Source
logp	5.013		Crippen Method
sl	622.70	J/mol×K	NIST Webbook
tb	505.99	K	Cheméo Relay (1.0)

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpl	460.00	J/mol×K	298.15	NIST Webbook
hfust	21.40	kJ/mol	199.57	NIST Webbook

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	402.00	K	4.00	NIST Webbook

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C994490&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

cpl:	Liquid phase heat capacity
hfust:	Enthalpy of fusion at a given temperature
logp:	Octanol/Water partition coefficient
sl:	Liquid phase molar entropy at standard conditions
tb:	Normal Boiling Point Temperature
tbrp:	Boiling point at reduced pressure