SILANE, TRIMETHYLPROPYL-

Other names: Silane, n-propyl-trimethyl-,
Inchi: InChI=1S/C6H16Si/c1-5-6-7(2,3)4/h5-6H2,1-4H3
InchiKey: WNWMJFBAIXMNOF-UHFFFAOYSA-N
Formula: C6H16Si
SMILES: CCC[Si](C)(C)C
Mol. weight [g/mol]: 116.28

Physical Properties

Property code	Value	Unit	Source
hvap	30.98	kJ/mol	Cheméo Relay (1.0)
ie	9.60	eV	Cheméo Relay (1.0)
logp	2.735		Crippen Method
rinpol	634.00		NIST Webbook
rinpol	634.00		NIST Webbook
rinpol	669.00		NIST Webbook
rinpol	634.00		NIST Webbook
rinpol	669.00		NIST Webbook
tb	363.26	K	Cheméo Relay (1.0)

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):
Cheméo Relay (1.0, beta):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C3510701&Units=SI

Legend

hvap: Enthalpy of vaporization at standard conditions
ie: Ionization energy

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

tb: Normal Boiling Point Temperature