

Tripropylsilane

Other names:	Silicon tri-n-propyl tri-n-Propylsilane Silane, tripropyl-
Inchi:	InChI=1S/C9H22Si/c1-4-7-10(8-5-2)9-6-3/h10H,4-9H2,1-3H3
InchiKey:	ZHOVAWFVVBWEGQ-UHFFFAOYSA-N
Formula:	C9H22Si
SMILES:	CCC[SiH](CCC)CCC
Mol. weight [g/mol]:	158.36
CAS:	998-29-8

Physical Properties

Property code	Value	Unit	Source
hvap	39.10 ± 0.70	kJ/mol	NIST Webbook
log10ws	-0.84		Crippen Method
logp	3.444		Crippen Method
tb	446.00	K	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C998298&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

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