

Tetrapropylsilane

Other names:	Tetrapropylsilane
Inchi:	InChI=1S/C12H28Si/c1-5-9-13(10-6-2,11-7-3)12-8-4/h5-12H2,1-4H3
InchiKey:	INPZSKMAWFGEOP-UHFFFAOYSA-N
Formula:	C12H28Si
SMILES:	CCC[Si](CCC)(CCC)CCC
Mol. weight [g/mol]:	200.44
CAS:	994-66-1

Physical Properties

Property code	Value	Unit	Source
hvap	42.20 ± 0.70	kJ/mol	NIST Webbook
logp	5.075		Crippen Method
tb	484.34	K	Cheméo Relay (1.0)

Sources

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=C994661&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvap:	Enthalpy of vaporization at standard conditions
logp:	Octanol/Water partition coefficient
tb:	Normal Boiling Point Temperature

Latest version available from:

<https://www.chemeo.com/cid/79-444-2/Tetrapropylsilane.pdf>

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