

Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]-

Other names:

Tetrakis(trimethylsiloxy)silane
Trisiloxane, 1,1,1,5,5,5-hexamethyl-3,3-bis(trimethylsiloxy)-
Tetrakis(trimethylsilyloxy)silane
1,1,5,5,5-hexamethyl-3,3-bis[(trimethylsilyl)oxy]trisiloxane

Inchi: InChI=1S/C12H36O4Si5/c1-17(2,3)13-21(14-18(4,5)6,15-19(7,8)9)16-20(10,11)12/h1-12

InchiKey: VNRWTCZXQWOWIG-UHFFFAOYSA-N

Formula: C12H36O4Si5

SMILES: C[Si](C)(C)O[Si](O[Si](C)(C)C)(O[Si](C)(C)C)O[Si](C)(C)C

Mol. weight [g/mol]: 384.84

CAS: 3555-47-3

Physical Properties

Property code	Value	Unit	Source
log10ws	6.80		Crippen Method
logp	4.828		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	52.30	kJ/mol	446.00	NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3555473&Units=SI>

Legend

hvapt:	Enthalpy of vaporization at a given temperature
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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