Silanamine, 1,1,1-trimethyl-N-propyl-N-(trimethylsilyl)-

Other names: Disilazane, 1,1,1,3,3,3-hexamethyl-2-propyl-
1,1,1,3,3,3-Hexamethyl-2-propyldisilazane
1-Propanamine, bis-TMS
Propylamine, 2tms derivative

Inchi: InChI=1S/C9H25NSi2/c1-8-9-10(11(2,3)4)12(5,6)7/h8-9H2,1-7H3

InchiKey: UZCQLXKVOQBVCA-UHFFFAOYSA-N

Formula: C9H25NSi2

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

Mol. weight [g/mol]: 203.47

CAS: 7331-84-2

Physical Properties

Property code	Value	Unit	Source
log10ws	1.74		Crippen Method
logp	3.368		Crippen Method
rinpol	1031.00		NIST Webbook
rinpol	1031.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C7331842&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices