silanamine, N-heptyl-1,1,1-trimethyl-N-(trimethylsilyl)-

Other names: N-heptyl-1,1,1-trimethyl-N-(trimethylsilyl)silanamine
1-Heptanamine, bis-TMS

Inchi: InChI=1S/C13H33NSi2/c1-8-9-10-11-12-13-14(15(2,3)4)16(5,6)7/h8-13H2,1-7H3

InchiKey: RZHCXTWNTKEVCO-UHFFFAOYSA-N

Formula: C13H33NSi2

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

Mol. weight [g/mol]: 259.58

Physical Properties

Property code	Value	Unit	Source
log10ws	0.06		Crippen Method
logp	4.929		Crippen Method
rinpol	1390.00		NIST Webbook
rinpol	1390.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U401538&Units=SI

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices