1-Pentanamine, mono-DMTBS

Inchi: InChI=1S/C11H27NSi/c1-7-8-9-10-12-13(5,6)11(2,3)4/h12H,7-10H2,1-6H3
InchiKey: BWVGSSYCVOVRDQ-UHFFFAOYSA-N
Formula: C11H27NSi
SMILES: CCCCCN[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 201.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.67		Crippen Method
logp	3.771		Crippen Method
rinpol	1177.00		NIST Webbook
rinpol	1177.00		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=R65093&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices