1-Dodecanamine, mono-DMTBS

Inchi: InChI=1S/C18H41NSi/c1-7-8-9-10-11-12-13-14-15-16-17-19-20(5,6)18(2,3)4/h19H,7-17H
InchiKey: MMEYQQJDMVEPJD-UHFFFAOYSA-N
Formula: C18H41NSi
SMILES: CCCCCCCCCCCCN[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 299.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.60		Crippen Method
logp	6.502		Crippen Method
rinpol	1879.00		NIST Webbook
rinpol	1879.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R64845&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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