Octanoic acid, 8-amino, O,N-bis-DMTBS

Inchi: InChI=1S/C20H45NO2Si2/c1-19(2,3)24(7,8)21-17-15-13-11-12-14-16-18(22)23-25(9,10)20(4,5)6/h21H,11-17H2,1-10H3

InchiKey: ZSJFPJCGDAMNLU-UHFFFAOYSA-N

Formula: C20H45NO2Si2

SMILES: CC(C)(C)[Si](C)(C)NCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 387.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.35		Crippen Method
logp	6.470		Crippen Method
rinpol	2159.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R65776&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