

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)
InchiKey: ZSJFPJCGDAMNLU-UHFFFAOYSA-N
Formula: C20H45NO2Si2
SMILES: CC(C)(C)[Si](C)(C)NCCCCCCC(=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/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.cheméo.com/cid/51-159-9/Octanoic-acid-8-amino-O-N-bis-DMTBS.pdf>

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