

4-Decenedioic acid, bis-trimethylsilyl ester

Inchi: InChI=1S/C16H32O4Si2/c1-21(2,3)19-15(17)13-11-9-7-8-10-12-14-16(18)20-22(4,5)6/h7
InchiKey: OSJCVISKLLHMNU-VQHVLOKHSA-N
Formula: C16H32O4Si2
SMILES: C[Si](C)(C)OC(=O)CCC=CCCCC(=O)O[Si](C)(C)C
Mol. weight [g/mol]: 344.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.20		Crippen Method
logp	4.639		Crippen Method
rinpol	1865.00		NIST Webbook
rinpol	1865.00		NIST Webbook
rinpol	1865.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R112911&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/117-774-3/4-Decenedioic-acid-bis-trimethylsilyl-ester.pdf>

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