Pentanedioic acid, 3-trmethylsilyloxy, bis(trimethylsilyl) ester

Other names: 2,4-Dideoxypentaric acid, TMS

Pentanedioic acid, 3-trmethylsilyloxy, bis(trimethylsilyl) ester

Inchi: InChI=1S/C14H32O5Si3/c1-20(2,3)17-12(10-13(15)18-21(4,5)6)11-14(16)19-22(7,8)9/h1

InchiKey: RJMRWIUUBIKMHF-UHFFFAOYSA-N

Formula: C14H32O5Si3

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

Mol. weight [g/mol]: 364.66

Physical Properties

Property code	Value	Unit	Source
logp	3.743		Crippen Method
rinpol	1583.00		NIST Webbook
rinpol	1582.00		NIST Webbook
rinpol	1596.00		NIST Webbook
rinpol	1590.00		NIST Webbook
rinpol	1590.00		NIST Webbook
rinpol	1582.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U141473&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

Legend

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices