

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

Other names:	2,4-Dideoxypentamic acid, TMS Pentanedioic acid, 3-trimethylsilyloxy, 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.cheméo.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

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<https://www.cheméo.com/cid/13-811-6/Pentanedioic-acid-3-trimethylsilyloxy-bis-trimethylsilyl-ester.pdf>

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