

Tetradecanedioic acid, bis(tert-butyldimethylsilyl) ester

Other names:	Tetradecanedioic acid, 2tbdms derivative
Inchi:	InChI=1S/C26H54O4Si2/c1-25(2,3)31(7,8)29-23(27)21-19-17-15-13-11-12-14-16-18-20-2
InchiKey:	BGLMBRBPBOPXJPN-UHFFFAOYSA-N
Formula:	C26H54O4Si2
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)CCCCCCCCCCCCC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	486.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.53		Crippen Method
logp	8.764		Crippen Method
rinpol	2765.80		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=U352544&Units=SI

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.chemeo.com/cid/77-294-1/Tetradecanedioic-acid-bis-tert-butyldimethylsilyl-ester.pdf>

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