

Bis(tert-butyldimethylsilyl) 3,6,9,12,15,18,21,24-octaoxahexacosane-1,26-dioa

Inchi: InChI=1S/C30H62O12Si2/c1-29(2,3)43(7,8)41-27(31)25-39-23-21-37-19-17-35-15-13-33
InchiKey: AZUAVGIJIFQLIC-UHFFFAOYSA-N
Formula: C30H62O12Si2
SMILES: CC(C)(C)[Si](C)(C)OC(=O)COCCOCCOCCOCCOCCOCCOCCOCC(=O)O[Si](C)(C)C(C)C
Mol. weight [g/mol]: 670.98

Physical Properties

Property code	Value	Unit	Source
log10ws	1.09		Crippen Method
logp	4.216		Crippen Method
rinpol	3824.20		NIST Webbook
rinpol	3824.20		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R578064&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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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