

Methyl 6,6,8,8-tetramethyl-3-oxo-2,5,7,9-tetraoxa-6,8-disil

Inchi: InChI=1S/C10H22O7Si2/c1-13-9(11)7-15-18(3,4)17-19(5,6)16-8-10(12)14-2/h7-8H2,1-6H1
InchiKey: CWHIOMUSTKTOEM-UHFFFAOYSA-N
Formula: C10H22O7Si2
SMILES: COC(=O)CO[Si](C)(C)O[Si](C)(C)OCC(=O)OC
Mol. weight [g/mol]: 310.45

Physical Properties

Property code	Value	Unit	Source
log10ws	3.74		Crippen Method
logp	0.786		Crippen Method
rinpol	1510.00		NIST Webbook
rinpol	1510.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376018&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/52-515-2/Methyl-6-6-8-8-tetramethyl-3-oxo-2-5-7-9-tetraoxa-6-8-disilaundecan-11-oate>

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