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/h7-8H2,1-6H

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/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices