Ethyl 4,4,6,6,8,8-hexamethyl-11-oxo-3,5,7,9,12-pentaoxa

Inchi: InChI=1S/C14H32O8Si3/c1-9-17-13(15)11-19-23(3,4)21-25(7,8)22-24(5,6)20-12-14(16)1

InchiKey: NRAOETJKRWXWFS-UHFFFAOYSA-N

Formula: C14H32O8Si3

SMILES: CCOC(=O)CO[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OCC(=O)OCC

Mol. weight [g/mol]: 412.66

Physical Properties

Property code	Value	Unit	Source
log10ws	4.34		Crippen Method
logp	2.284		Crippen Method
rinpol	1792.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376010&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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