Methyl 6,6,8,8,10,10-hexamethyl-3-oxo-2,5,7,9,11-pentaox

Inchi: InChI=1S/C12H28O8Si3/c1-15-11(13)9-17-21(3,4)19-23(7,8)20-22(5,6)18-10-12(14)16-2

InchiKey: IOXGLTJBZJEDHU-UHFFFAOYSA-N

Formula: C12H28O8Si3

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

Mol. weight [g/mol]: 384.60

Physical Properties

Property code	Value	Unit	Source
log10ws	5.18		Crippen Method
logp	1.504		Crippen Method
rinpol	1671.00		NIST Webbook
rinpol	1671.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376019&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

Latest version available from:
https://www.chemeo.com/cid/24-214-7/Methyl-6-6-8-8-10-10-hexamethyl-3-oxo-2-5-7-9-11-pentaoxa-6-8-10-trisilatrid
Generated by Cheméo on 2025-12-05 13:48:00.052117567 +0000 UTC m=+4690677.582158221.
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