

Butyl

4,4-dimethyl-7-oxo-3,5,8-trioxa-4-siladodecan-1-ol

Inchi:	InChI=1S/C14H28O6Si/c1-5-7-9-17-13(15)11-19-21(3,4)20-12-14(16)18-10-8-6-2/h5-12H
InchiKey:	BHOWAZWACGZNIK-UHFFFAOYSA-N
Formula:	C14H28O6Si
SMILES:	CCCCOC(=O)CO[Si](C)(C)OCC(=O)OCCCC
Mol. weight [g/mol]:	320.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.22		Crippen Method
logp	2.408		Crippen Method
rinpol	1845.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U376003&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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