3-(3,3-Dimethyl-2,4,7,10-tetraoxa-3-siladodec-1-yl)

Inchi: InChI=1S/C14H25NO4Si/c1-4-16-8-9-17-10-11-18-20(2,3)19-13-14-6-5-7-15-12-14/h5-7,

InchiKey: GSWJGRIWFVFDDI-UHFFFAOYSA-N

Formula: C14H25NO4Si

SMILES: CCOCCOCCO[Si](C)(C)OCc1cccnc1

Mol. weight [g/mol]: 299.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.45		Crippen Method
logp	2.370		Crippen Method
rinpol	1911.00		NIST Webbook
rinpol	1911.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U376029&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