

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: GSWJGRIWFVFDI-UHFFFAOYSA-N
Formula: C14H25NO4Si
SMILES: CCOCCOCCO[Si](C)(C)OCc1ccnc1
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/ci9903071>
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/119-758-9/3-3-3-Dimethyl-2-4-7-10-tetraoxa-3-siladodec-1-yl-pyridine.pdf>

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