3-(3,3-Dimethyl-2,4,7,10,13-pentaoxa-3-silatetrade

Inchi: InChI=1S/C15H27NO5Si/c1-17-7-8-18-9-10-19-11-12-20-22(2,3)21-14-15-5-4-6-16-13-15

InchiKey: DHUZFTNLFXCCQM-UHFFFAOYSA-N

Formula: C15H27NO5Si

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

Mol. weight [g/mol]: 329.46

Physical Properties

Property code	Value	Unit	Source
log10ws	0.05		Crippen Method
logp	1.996		Crippen Method
rinpol	2128.00		NIST Webbook
rinpol	2128.00		NIST Webbook

Sources

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

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375926&Units=SI

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/53-926-5/3-3-3-Dimethyl-2-4-7-10-13-pentaoxa-3-silatetradec-1-yl-pyridine.pdf
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