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

Inchi: InChI=1S/C18H33NO5Si/c1-4-5-9-20-10-11-21-12-13-22-14-15-23-25(2,3)24-17-18-7-6-8

InchiKey: NIWBADFLOOCDNC-UHFFFAOYSA-N

Formula: C18H33NO5Si

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

Mol. weight [g/mol]: 371.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.21		Crippen Method
logp	3.167		Crippen Method
rinpol	2369.00		NIST Webbook
rinpol	2369.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U375924&Units=SI

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

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices