

3,3'-[(1,1,3,3-Tetramethyldisiloxane-1,3-diyl)bis(oxymethylene)dipyridine]

Inchi: InChI=1S/C16H24N2O3Si2/c1-22(2,19-13-15-7-5-9-17-11-15)21-23(3,4)20-14-16-8-6-10
InchiKey: UHBGNFVEMPLWEY-UHFFFAOYSA-N
Formula: C16H24N2O3Si2
SMILES: C[Si](C)(OCc1cccnc1)O[Si](C)(C)OCc1cccnc1
Mol. weight [g/mol]: 348.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.61		Crippen Method
logp	3.630		Crippen Method
rinpol	2170.70		NIST Webbook
rinpol	2170.70		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=U334147&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/116-071-4/3-3-1-1-3-3-Tetramethyldisiloxane-1-3-diyl-bis-oxymethylene-dipyridine.pdf>

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