

1,1,3,3,5,5,7,7,9,9-Decamethyl-9-(pyridin-3-ylmethoxy)pentasiloxane

Inchi: InChI=1S/C16H37NO6Si5/c1-24(2,18)20-26(5,6)22-28(9,10)23-27(7,8)21-25(3,4)19-15-16
InchiKey: VTXPKUSRCCIRF-UHFFFAOYSA-N
Formula: C16H37NO6Si5
SMILES: C[Si](C)(O)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OCc1ccncc1
Mol. weight [g/mol]: 479.90

Physical Properties

Property code	Value	Unit	Source
log10ws	5.83		Crippen Method
logp	4.166		Crippen Method
rinpol	1968.60		NIST Webbook
rinpol	1968.60		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=U334155&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/82-330-4/1-1-3-3-5-5-7-7-9-9-Decamethyl-9-pyridin-3-ylmethoxy-pentasiloxan-1-ol.pdf>

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