

# 1,1,3,3,5,5,7,7-Octamethyl-7-(pyridin-3-ylmethoxy)

**Inchi:** InChI=1S/C14H31NO5Si4/c1-21(2,16)18-23(5,6)20-24(7,8)19-22(3,4)17-13-14-10-9-11-12  
**InchiKey:** RIKLNSVYRMIVTN-UHFFFAOYSA-N  
**Formula:** C<sub>14</sub>H<sub>31</sub>NO<sub>5</sub>Si<sub>4</sub>  
**SMILES:** C[Si](C)(O)O[Si](C)(C)O[Si](C)(C)O[Si](C)(C)OCc1ccncc1  
**Mol. weight [g/mol]:** 405.74

## Physical Properties

Property code	Value	Unit	Source
log10ws	4.39		Crippen Method
logp	3.447		Crippen Method
rinpol	1800.50		NIST Webbook
rinpol	1800.50		NIST Webbook

## Sources

**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334154&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

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<https://www.chemeo.com/cid/117-240-5/1-1-3-3-5-5-7-7-Octamethyl-7-pyridin-3-ylmethoxy-tetrasiloxan-1-ol.pdf>

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