

# 2-Octanol, picolinyloxydimethylsilyl ether

**Inchi:** InChI=1S/C16H29NO2Si/c1-5-6-7-8-10-15(2)19-20(3,4)18-14-16-11-9-12-17-13-16/h9,11-15,17-19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100  
**InchiKey:** XEIRYPVSMXHQDF-UHFFFAOYSA-N  
**Formula:** C16H29NO2Si  
**SMILES:** CCCCCC(C)O[Si](C)(C)OCc1cccnc1  
**Mol. weight [g/mol]:** 295.49

## Physical Properties

Property code	Value	Unit	Source
log10ws	-3.22		Crippen Method
logp	4.676		Crippen Method
rinpol	1843.70		NIST Webbook
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## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**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=U334139&Units=SI>

## 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/67-560-6/2-Octanol-picolinyloxydimethylsilyl-ether.pdf>

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