1-Octanol, picolinyloxydimethylsilyl ether

Inchi: InChI=1S/C16H29NO2Si/c1-4-5-6-7-8-9-13-18-20(2,3)19-15-16-11-10-12-17-14-16/h10-1
InchiKey: TZFBCIISJZAIDU-UHFFFAOYSA-N
Formula: C16H29NO2Si
SMILES: CCCCCCCCO[Si](C)(C)OCc1cccnc1
Mol. weight [g/mol]: 295.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.11		Crippen Method
logp	4.677		Crippen Method
rinpol	1929.60		NIST Webbook
rinpol	1931.50		NIST Webbook
rinpol	1929.60		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U334071&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

Latest version available from:
https://www.chemeo.com/cid/68-508-3/1-Octanol-picolinyloxydimethylsilyl-ether.pdf
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