

1-Nonanol, picolinyloxydimethylsilyl ether

Inchi: InChI=1S/C17H31NO2Si/c1-4-5-6-7-8-9-10-14-19-21(2,3)20-16-17-12-11-13-18-15-17/h
InchiKey: WNWVHVGJNUHTAW-UHFFFAOYSA-N
Formula: C17H31NO2Si
SMILES: CCCCCCCCCO[Si](C)(C)OCc1cccnc1
Mol. weight [g/mol]: 309.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.53		Crippen Method
logp	5.067		Crippen Method
rinsol	2030.20		NIST Webbook
rinsol	2030.20		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334137&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinsol: Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/117-797-8/1-Nonanol-picolinyloxydimethylsilyl-ether.pdf>

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