

3-Methyl-1-butanol, picolinyloxydimethylsilyl ether

Inchi: InChI=1S/C13H23NO2Si/c1-12(2)7-9-15-17(3,4)16-11-13-6-5-8-14-10-13/h5-6,8,10,12H,
InchiKey: QRRCWLJHSTXHGD-UHFFFAOYSA-N
Formula: C13H23NO2Si
SMILES: CC(C)CCO[Si](C)(C)OCc1cccnc1
Mol. weight [g/mol]: 253.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.61		Crippen Method
logp	3.363		Crippen Method
rinpol	1595.60		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334102&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/37-445-7/3-Methyl-1-butanol-picolinyloxydimethylsilyl-ether.pdf>

Generated by Cheméo on 2025-12-21 04:51:40.912024991 +0000 UTC m=+6040898.442065649.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.