

3-Buten-1-ol, picolinyloxydimethylsilyl ether

Inchi: InChI=1S/C12H19NO2Si/c1-4-5-9-14-16(2,3)15-11-12-7-6-8-13-10-12/h4,6-8,10H,1,5,9,11H
InchiKey: GDKAJKKYBCIGTI-UHFFFAOYSA-N
Formula: C₁₂H₁₉NO₂Si
SMILES: C=CCCO[Si](C)(C)OCc1cccnc1
Mol. weight [g/mol]: 237.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.29		Crippen Method
logp	2.893		Crippen Method
rinpol	1531.60		NIST Webbook
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Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U334079&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
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/120-274-4/3-Buten-1-ol-picolinyloxydimethylsilyl-ether.pdf>

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