

8-Chloro-1-octanol, benzyldimethylsilyl ether

Inchi: InChI=1S/C17H29ClOSi/c1-20(2,16-17-12-8-7-9-13-17)19-15-11-6-4-3-5-10-14-18/h7-9,17-19,20
InchiKey: BYQYHXDQWRKVGZ-UHFFFAOYSA-N
Formula: C17H29ClOSi
SMILES: C[Si](C)(Cc1ccccc1)OCCCCCCCCl
Mol. weight [g/mol]: 312.95

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.42		Crippen Method
logp	5.569		Crippen Method
rinpol	2106.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375569&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/63-263-0/8-Chloro-1-octanol-benzyldimethylsilyl-ether.pdf>

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