

2-Chloro-6-fluorobenzyl alcohol, benzyldimethylsilyl ether

Inchi: InChI=1S/C16H18ClFOSi/c1-20(2,12-13-7-4-3-5-8-13)19-11-14-15(17)9-6-10-16(14)18/h
InchiKey: AUAHRXUEFBUYFJ-UHFFFAOYSA-N
Formula: C16H18ClFOSi
SMILES: C[Si](C)(Cc1cccc1)OCc1c(F)cccc1Cl
Mol. weight [g/mol]: 308.85

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.46		Crippen Method
logp	4.983		Crippen Method
rinpol	1971.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376106&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/41-140-0/2-Chloro-6-fluorobenzyl-alcohol-benzyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-28 20:35:38.434935957 +0000 UTC m=+16625787.355513272.

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