

Decyl alcohol, benzyldimethylsilyl ether

Inchi: InChI=1S/C19H34OSi/c1-4-5-6-7-8-9-10-14-17-20-21(2,3)18-19-15-12-11-13-16-19/h11-
InchiKey: LMYRBRSTLKOFDL-UHFFFAOYSA-N
Formula: C19H34OSi
SMILES: CCCCCCCCCCO[Si](C)(C)Cc1ccccc1
Mol. weight [g/mol]: 306.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.10		Crippen Method
logp	6.131		Crippen Method
rinpol	2012.00		NIST Webbook
rinpol	2012.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375532&Units=SI>

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/34-669-2/Decyl-alcohol-benzyldimethylsilyl-ether.pdf>

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