

1-Phenylethanol, benzyldimethylsilyl ether

Inchi: InChI=1S/C17H22OSi/c1-15(17-12-8-5-9-13-17)18-19(2,3)14-16-10-6-4-7-11-16/h4-13,17
InchiKey: SGWZBINCJCGUNA-UHFFFAOYSA-N
Formula: C17H22OSi
SMILES: CC(O[Si](C)(C)Cc1ccccc1)c1ccccc1
Mol. weight [g/mol]: 270.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.83		Crippen Method
logp	4.751		Crippen Method
rinpol	1794.00		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=U376177&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/25-798-9/1-Phenylethanol-benzyldimethylsilyl-ether.pdf>

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