4-Phenylbutan-2-ol, trimethylsilyl ether

Other names: 2-Trimethylsilyloxy-4-phenylbutane
Inchi: InChI=1S/C13H22OSi/c1-12(14-15(2,3)4)10-11-13-8-6-5-7-9-13/h5-9,12H,10-11H2,1-4H
InchiKey: PRNVGHGNJXFTHC-UHFFFAOYSA-N
Formula: C13H22OSi
SMILES: CC(CCc1ccccc1)O[Si](C)(C)C
Mol. weight [g/mol]: 222.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.62		Crippen Method
logp	3.859		Crippen Method
rinpol	1369.00		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=U373452&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices