

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

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<https://www.chemeo.com/cid/59-834-1/4-Phenylbutan-2-ol-trimethylsilyl-ether.pdf>

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