1-Phenoxypropan-2-yl tert-butyldimethylsilyl ether

Other names: 2-Phenoxy-1-methylethyl tert-butyldimethylsilyl ether
Phenoxyisopropanyl tert-butyldimethylsilyl ether
Inchi: InChI=1S/C15H26O2Si/c1-13(17-18(5,6)15(2,3)4)12-16-14-10-8-7-9-11-14/h7-11,13H,12
InchiKey: IELMRGAAMJNGBF-UHFFFAOYSA-N
Formula: C15H26O2Si
SMILES: CC(COc1ccccc1)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 266.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.19		Crippen Method
logp	4.476		Crippen Method
rinpol	1565.00		NIST Webbook
rinpol	1565.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U378204&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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