3-Phenoxybenzyl alcohol, trimethylsilyl ether

Other names: 3-Phenoxybenzyl alcohol, tms derivative
Inchi: InChI=1S/C16H20O2Si/c1-19(2,3)17-13-14-8-7-11-16(12-14)18-15-9-5-4-6-10-15/h4-12H
InchiKey: XFYJFAPKQHCGKO-UHFFFAOYSA-N
Formula: C16H20O2Si
SMILES: C[Si](C)(C)OCc1cccc(Oc2ccccc2)c1
Mol. weight [g/mol]: 272.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.38		Crippen Method
logp	4.830		Crippen Method
rinpol	1883.30		NIST Webbook
rinpol	1883.30		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=U333982&Units=SI

Legend

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