3-Phenoxybenzyl alcohol, tert-butyldimethylsilyl ether

Other names: 3-Phenoxybenzyl alcohol, tbdms derivative
Inchi: InChI=1S/C19H26O2Si/c1-19(2,3)22(4,5)20-15-16-10-9-13-18(14-16)21-17-11-7-6-8-12-
InchiKey: KFAUFJZRPFDUSQ-UHFFFAOYSA-N
Formula: C19H26O2Si
SMILES: CC(C)(C)[Si](C)(C)OCc1cccc(Oc2ccccc2)c1
Mol. weight [g/mol]: 314.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.64		Crippen Method
logp	6.001		Crippen Method
rinpol	2109.20		NIST Webbook
rinpol	2109.20		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=U333981&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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