4-Phenylphenol, tert-butyldimethylsilyl ether

Other names: 4-Phenylphenol, tbdms derivative
Inchi: InChI=1S/C18H24OSi/c1-18(2,3)20(4,5)19-17-13-11-16(12-14-17)15-9-7-6-8-10-15/h6-1
InchiKey: QHVVCPJMTSSSCN-UHFFFAOYSA-N
Formula: C18H24OSi
SMILES: CC(C)(C)[Si](C)(C)Oc1ccc(-c2ccccc2)cc1
Mol. weight [g/mol]: 284.47

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.34		Crippen Method
logp	5.738		Crippen Method
rinpol	2061.90		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=U333404&Units=SI

Legend

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

Latest version available from:
https://www.chemeo.com/cid/11-245-7/4-Phenylphenol-tert-butyldimethylsilyl-ether.pdf
Generated by Cheméo on 2024-02-28 07:04:43.917069703 +0000 UTC m=+11393132.837647014.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.