4-(1,1-Dimethylpropyl)phenol, tert-butyldimethylsilyl ether

Other names: 4-tert-Pentylphenol tert-butyldimethylsilyl ether
Inchi: InChI=1S/C17H30OSi/c1-9-17(5,6)14-10-12-15(13-11-14)18-19(7,8)16(2,3)4/h10-13H,9H
InchiKey: YNVALYFCOYHWSB-UHFFFAOYSA-N
Formula: C17H30OSi
SMILES: CCC(C)(C)c1ccc(O[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]: 278.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.47		Crippen Method
logp	5.758		Crippen Method
rinpol	1691.00		NIST Webbook
rinpol	1691.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U373396&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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