4-Isopropylphenol, tert-butyldimethylsilyl ether

Other names: 4-Isopropylphenol tBDMS
Inchi: InChI=1S/C15H26OSi/c1-12(2)13-8-10-14(11-9-13)16-17(6,7)15(3,4)5/h8-12H,1-7H3
InchiKey: HCJHWYJAUQLJLX-UHFFFAOYSA-N
Formula: C15H26OSi
SMILES: CC(C)c1ccc(O[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]: 250.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.92		Crippen Method
logp	5.194		Crippen Method
rinpol	1519.00		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=U373075&Units=SI

Legend

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