2-Methoxy-5-methylphenol, tert-butyldimethylsilyl ether

Other names: 2-Methoxy-5-methylphenol, tbdms derivative
Inchi: InChI=1S/C14H24O2Si/c1-11-8-9-12(15-5)13(10-11)16-17(6,7)14(2,3)4/h8-10H,1-7H3
InchiKey: FLNMPTLMAKZAHW-UHFFFAOYSA-N
Formula: C14H24O2Si
SMILES: COc1ccc(C)cc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 252.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.33		Crippen Method
logp	4.388		Crippen Method
rinpol	1538.70		NIST Webbook
rinpol	1538.70		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=U352882&Units=SI

Legend

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