2-(Methylthio)phenol, tert-butyldimethylsilyl ether

Other names: 2-(Methylthio)phenol, tbdms derivative
Inchi: InChI=1S/C13H22OSSi/c1-13(2,3)16(5,6)14-11-9-7-8-10-12(11)15-4/h7-10H,1-6H3
InchiKey: WBWXPYBUPHJPKX-UHFFFAOYSA-N
Formula: C13H22OSSi
SMILES: CSc1ccccc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 254.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.48		Crippen Method
logp	4.792		Crippen Method
rinpol	1662.30		NIST Webbook
rinpol	1662.30		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U353100&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