1,2-Benzenedithiol, S-(tert-butyldimethylsilyl)-

Other names: 1,2-Benzenedithiol, tbdms derivative
Inchi: InChI=1S/C12H20S2Si/c1-12(2,3)15(4,5)14-11-9-7-6-8-10(11)13/h6-9,13H,1-5H3
InchiKey: SHUFJTURCMWMAG-UHFFFAOYSA-N
Formula: C12H20S2Si
SMILES: CC(C)(C)[Si](C)(C)Sc1ccccc1S
Mol. weight [g/mol]: 256.50

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.87		Crippen Method
logp	5.073		Crippen Method
rinpol	1788.60		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=U353066&Units=SI

Legend

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