

1,4-Benzenedimethanethiol, S,S'-bis(tert-butyldimethylsilyl)-

Other names: 1,4-Benzenedimethanethiol, 2tdms derivative
Inchi: InChI=1S/C20H38S2Si2/c1-19(2,3)23(7,8)21-15-17-11-13-18(14-12-17)16-22-24(9,10)20
InchiKey: IWZOWHZVIYFAFY-UHFFFAOYSA-N
Formula: C20H38S2Si2
SMILES: CC(C)(C)[Si](C)(C)SCc1ccc(CS[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]: 398.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.12		Crippen Method
logp	8.163		Crippen Method

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U353037&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

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