1,3-Benzenedithiol, S,S'-bis(trimethylsilyl)-

Other names: 1,3-Benzenedithiol, 2tms derivative
Inchi: InChI=1S/C12H22S2Si2/c1-15(2,3)13-11-8-7-9-12(10-11)14-16(4,5)6/h7-10H,1-6H3
InchiKey: OMOWTTGKWQNMCJ-UHFFFAOYSA-N
Formula: C12H22S2Si2
SMILES: C[Si](C)(C)Sc1cccc(S[Si](C)(C)C)c1
Mol. weight [g/mol]: 286.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.74		Crippen Method
logp	5.541		Crippen Method
rinpol	1754.80		NIST Webbook
rinpol	1754.80		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U353070&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

Latest version available from:
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