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

Other names: 1,2-Benzenedithiol, 2tbdms derivative
Inchi: InChI=1S/C18H34S2Si2/c1-17(2,3)21(7,8)19-15-13-11-12-14-16(15)20-22(9,10)18(4,5)6
InchiKey: CYFXBUOMBNVVFN-UHFFFAOYSA-N
Formula: C18H34S2Si2
SMILES: CC(C)(C)[Si](C)(C)Sc1ccccc1S[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 370.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.25		Crippen Method
logp	7.881		Crippen Method
rinpol	2142.40		NIST Webbook
rinpol	2142.40		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=U353064&Units=SI

Legend

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