m-bis(phenyldichlorosilyl)benzene

Inchi: InChI=1S/C18H14Cl4Si2/c19-23(20,15-8-3-1-4-9-15)17-12-7-13-18(14-17)24(21,22)16-1
InchiKey: MXQXLFUNSJQDMZ-UHFFFAOYSA-N
Formula: C18H14Cl4Si2
SMILES: Cl[Si](Cl)(c1ccccc1)c1cccc([Si](Cl)(Cl)c2ccccc2)c1
Mol. weight [g/mol]: 428.29

Physical Properties

Property code	Value	Unit	Source
log10ws	-18.43		Crippen Method
logp	3.755		Crippen Method
rinpol	2286.50		NIST Webbook
rinpol	2286.50		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=R135449&Units=SI

Legend

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