4-Chlorobenzenesulfonamide, N-tert.-butyldimethylsilyl-

Inchi: InChI=1S/C12H20ClNO2SSi/c1-12(2,3)18(4,5)14-17(15,16)11-8-6-10(13)7-9-11/h6-9,14H

InchiKey: BGCXILOAVPIFIS-UHFFFAOYSA-N

Formula: C12H20ClNO2SSi

SMILES: CC(C)(C)[Si](C)(C)NS(=O)(=O)c1ccc(Cl)cc1

Mol. weight [g/mol]: 305.90

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.17		Crippen Method
logp	3.623		Crippen Method
rinpol	2043.00		NIST Webbook
rinpol	2043.00		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=U374827&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices