4-Chlorobenzenesulfonamide, N,N-di(tert.-butyldimethylsilyl)-

Inchi: InChI=1S/C18H34ClNO2SSi2/c1-17(2,3)24(7,8)20(25(9,10)18(4,5)6)23(21,22)16-13-11-1

InchiKey: ADFVEYBFVUEQDJ-UHFFFAOYSA-N

Formula: C18H34ClNO2SSi2

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

Mol. weight [g/mol]: 420.16

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.12		Crippen Method
logp	6.341		Crippen Method

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=U374384&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient