

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-
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

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<https://www.chemeo.com/cid/97-408-2/4-Chlorobenzenesulfonamide-N-N-di-tert-butylidimethylsilyl.pdf>

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