4-Chlorophenyl sulfone, S-tert.-butyldimethylsilyl-

Inchi: InChI=1S/C12H19ClO2SSi/c1-12(2,3)17(4,5)16(14,15)11-8-6-10(13)7-9-11/h6-9H,1-5H3

InchiKey: UNOALGHKAJBDQB-UHFFFAOYSA-N

Formula: C12H19ClO2SSi

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

Mol. weight [g/mol]: 290.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.99		Crippen Method
logp	4.119		Crippen Method
rinpol	1800.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U374413&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices