

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/ci9903071>
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

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<https://www.chemeo.com/cid/40-814-3/4-Chlorophenyl-sulfone-S-tert-butylidimethylsilyl.pdf>

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