4-Methylbenzenesulfonamide, N-tert.-butyldimethylsilyl-

Inchi: InChI=1S/C13H23NO2SSi/c1-11-7-9-12(10-8-11)17(15,16)14-18(5,6)13(2,3)4/h7-10,14H

InchiKey: WSVKBBZLIXUCTM-UHFFFAOYSA-N

Formula: C13H23NO2SSi

SMILES: Cc1ccc(S(=O)(=O)N[Si](C)(C)C(C)(C)C)cc1

Mol. weight [g/mol]: 285.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.96		Crippen Method
logp	3.279		Crippen Method
rinpol	2012.00		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=U374247&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

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