

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

Inchi: InChI=1S/C19H37NO2SSi2/c1-16-12-14-17(15-13-16)23(21,22)20(24(8,9)18(2,3)4)25(10,11)26
InchiKey: ZHPIJGFJIVCWFI-UHFFFAOYSA-N
Formula: C19H37NO2SSi2
SMILES: Cc1ccc(S(=O)(=O)N([Si](C)(C)C(C)(C)C)[Si](C)(C)C(C)(C)C)cc1
Mol. weight [g/mol]: 399.74

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.91		Crippen Method
logp	5.996		Crippen Method
rinpol	2099.00		NIST Webbook
rinpol	2099.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374396&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/46-548-3/4-Methylbenzenesulfonamide-N-N-di-tert-butyldimethylsilyl.pdf>

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