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

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/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices