Benzenesulfonamide, 4-chloro, N-tert.-butyldimethylsilyl-N-(3-butenoyl)-

Inchi: InChI=1S/C16H24ClNO3SSi/c1-7-8-15(19)18(23(5,6)16(2,3)4)22(20,21)14-11-9-13(17)1

InchiKey: ZDFCOIXQTAUXGU-UHFFFAOYSA-N

Formula: C16H24ClNO3SSi

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

Mol. weight [g/mol]: 373.97

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.86		Crippen Method
logp	4.439		Crippen Method
rinpol	2377.00		NIST Webbook
rinpol	2377.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U374374&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