N-m-Tolyloxyacetyl-benzenesulfonamide, N-tert.-butyldimethylsilyl-

Inchi: InChI=1S/C21H29NO4SSi/c1-17-11-10-12-18(15-17)26-16-20(23)22(28(5,6)21(2,3)4)27(

InchiKey: SIFYMOJFZSUUCX-UHFFFAOYSA-N

Formula: C21H29NO4SSi

SMILES: Cc1cccc(OCC(=O)N([Si](C)(C)C(C)(C)C)S(=O)(=O)c2ccccc2)c1

Mol. weight [g/mol]: 419.61

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.31		Crippen Method
logp	4.597		Crippen Method
rinpol	2757.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U374244&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