

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/ci9903071>
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

Latest version available from:

<https://www.chemeo.com/cid/17-330-6/N-m-Tolyloxyacetyl-benzenesulfonamide-N-tert-butyldimethylsilyl.pdf>

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