

N-(2-Hydroxy-propionyl)-4-methyl-benzenesulfonamide-O-trimethylsilyl-

InChI: CC1=CC=C(S(=O)(=O)NC(=O)C(C)O[Si](C)(C)C)C=C1
InChIKey: BPKWNNNTYFHUBIR-UHFFFAOYSA-N
Formula: C13H21NO4SSi
SMILES: Cc1ccc(S(=O)(=O)NC(=O)C(C)O[Si](C)(C)C)cc1
Mol. weight [g/mol]: 315.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.94		Crippen Method
logp	2.040		Crippen Method
rinpol	2076.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374820&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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