

Benzenesulfonamide, 4-chloro, N-tert.-butyldimethylsilyl-N-butyryl-

Inchi: InChI=1S/C16H26ClNO3SSi/c1-7-8-15(19)18(23(5,6)16(2,3)4)22(20,21)14-11-9-13(17)1
InchiKey: NOGQJMKAHWYAJX-UHFFFAOYSA-N
Formula: C16H26ClNO3SSi
SMILES: CCCC(=O)N([Si](C)(C)C(C)(C)C)S(=O)(=O)c1ccc(Cl)cc1
Mol. weight [g/mol]: 375.99

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.00		Crippen Method
logp	4.663		Crippen Method
rinpol	2281.00		NIST Webbook
rinpol	2281.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374375&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

Latest version available from:

<https://www.cheméo.com/cid/82-372-8/Benzenesulfonamide-4-chloro-N-tert-butyldimethylsilyl-N-butyryl.pdf>

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