N-(2-Bromobutyryl)-4-chloro-benzenesulfonamide N-tert.-butyldimethylsilyl-

Inchi: InChI=1S/C16H25BrClNO3SSi/c1-7-14(17)15(20)19(24(5,6)16(2,3)4)23(21,22)13-10-8-1

InchiKey: ZSDRHYBKZQNFKO-UHFFFAOYSA-N

Formula: C16H25BrClNO3SSi

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

Mol. weight [g/mol]: 454.88

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.55		Crippen Method
logp	5.036		Crippen Method
rinpol	2456.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U374372&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices