

N-(2-Bromobutyl)-4-chloro-benzenesulfonamide

N-tert.-butyldimethylsilyl-
InChI: CCCC(=O)N([Si](C)(C)C(C)C)S(=O)(=O)c1ccc(Cl)cc1
InChIKey: ZSDRHYBKZQNTKO-UHFFFAOYSA-N

Formula: C₁₆H₂₅BrClNO₃SSi
SMILES: CCC(Br)C(=O)N([Si](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/ci9903071>

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/29-328-6/N-2-Bromobutyl-4-chloro-benzenesulfonamide-N-tert-butylidimethylsilyl.pdf>

Generated by Cheméo on 2024-04-25 14:55:29.591429834 +0000 UTC m=+16346178.512007146.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.