

# 4-Chloro-N-(2-hydroxypropionyl)-benzenesulfonamide-O-trimethylsilyl-

InChI: CC(=O)NS(=O)(=O)c1ccc(Cl)cc1  
InChIKey: UHFWOMDGGEPNRPQ-UHFFFAOYSA-N

Formula: C<sub>12</sub>H<sub>18</sub>ClNO<sub>4</sub>SSi  
SMILES: CC(O[Si](C)(C)C)C(=O)NS(=O)(=O)c1ccc(Cl)cc1  
Mol. weight [g/mol]: 335.88

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.15		Crippen Method
logp	2.385		Crippen Method
rinpol	2079.00		NIST Webbook
rinpol	2079.00		NIST Webbook

## Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
Crippen Method: [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)  
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374825&Units=SI>

## Legend

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

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