

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

InChIKey:

InChI=1S/C15H26ClNO4SSi2/c1-12(21-24(5,6)7)15(18)17(23(2,3)4)22(19,20)14-10-8-13/QAPYSPHHUFJLDR-UHFFFAOYSA-N

Formula:

C15H26ClNO4SSi2

SMILES:

CC(O[Si](C)(C)C)C(=O)N([Si](C)(C)C)S(=O)(=O)c1ccc(Cl)cc1

Mol. weight [g/mol]:

408.06

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.16		Crippen Method
logp	3.932		Crippen Method
rinpol	2096.00		NIST Webbook
rinpol	2096.00		NIST Webbook

## Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method:

[https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)

NIST Webbook:

<http://webbook.nist.gov/cgi/cbook.cgi?ID=U374383&Units=SI>

## 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/117-133-4/4-Chloro-N-2-hydroxypropionyl-benzenesulfonamide-N-O-di-trimethylsilyl.pdf>

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