

6-Chloro-2-methyl-7-sulfamyl-3,4-dihydro-1,2,4-benzothiadiazine-1,1-dioxide

Inchi:	InChI=1S/C8H10ClN3O4S2/c1-12-4-11-6-2-5(9)7(17(10,13)14)3-8(6)18(12,15)16/h2-3,11
InchiKey:	CNSCONHVBQJXDB-UHFFFAOYSA-N
Formula:	C8H10ClN3O4S2
SMILES:	CN1CNc2cc(Cl)c(S(N)(=O)=O)cc2S1(=O)=O
Mol. weight [g/mol]:	311.77
CAS:	90606-97-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.51		Crippen Method
logp	-0.009		Crippen Method
mcvol	187.320	ml/mol	McGowan Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C90606976&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/45-215-3/6-Chloro-2-methyl-7-sulfamyl-3-4-dihydro-1-2-4-benzothiadiazine-1-1-dioxide>

Generated by Cheméo on 2025-12-05 18:27:48.398286761 +0000 UTC m=+4707465.928327416.

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