

2,3-Dichlorothiophene-5-sulphonyl chloride

Inchi: InChI=1S/C4HCl3O2S2/c5-2-1-3(10-4(2)6)11(7,8)9/h1H
InchiKey: IVTWLTRKVRJPNG-UHFFFAOYSA-N
Formula: C4HCl3O2S2
SMILES: O=S(=O)(Cl)c1cc(Cl)c(Cl)s1
Mol. weight [g/mol]: 251.54

Physical Properties

Property code	Value	Unit	Source
logp	2.982		Crippen Method
mcvol	128.920	ml/mol	McGowan Method

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C126714850&Units=SI>

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>

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

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

Cheméo Relay (1.0):

Legend

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.cheméo.com/cid/123-920-3/2-3-Dichlorothiophene-5-sulphonyl-chloride.pdf>

Generated by Cheméo on 2026-07-22 12:25:46.476541588 +0000 UTC m=+234242.318427031.

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