

4,5-Dibromothiophene-2-sulphonyl chloride

Other names:	4,5-Dibromothiophene-2-sulfonyl chloride
Inchi:	InChI=1S/C4HBr2ClO2S2/c5-2-1-3(10-4(2)6)11(7,8)9/h1H
InchiKey:	WJYGHWXWQSCONR-UHFFFAOYSA-N
Formula:	C4HBr2ClO2S2
SMILES:	O=S(=O)(Cl)c1cc(Br)c(Br)s1
Mol. weight [g/mol]:	340.44

Physical Properties

Property code	Value	Unit	Source
logp	3.201		Crippen Method
mcvol	139.440	ml/mol	McGowan Method

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C81606317&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.chemeo.com/doc/models/crippen_log10ws

Legend

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/45-036-2/4-5-Dibromothiophene-2-sulphonyl-chloride.pdf>

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