

Fensulfothion oxon

Inchi:	InChI=1S/C11H17O5PS/c1-4-14-17(12,15-5-2)16-10-6-8-11(9-7-10)18(3)13/h6-9H,4-5H2
InchiKey:	GNTVZNNILZKEIB-UHFFFAOYSA-N
Formula:	C11H17O5PS
SMILES:	CCOP(=O)(OCC)Oc1ccc(S(C)=O)cc1
Mol. weight [g/mol]:	292.29

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.78		Crippen Method
logp	2.984		Crippen Method
mcvol	208.250	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U290099&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/28-794-0/Fensulfothion-oxon.pdf>

Generated by Cheméo on 2024-04-25 20:55:38.337686159 +0000 UTC m=+16367787.258263495.

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