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.chemeo.com/doc/models/crippen_log10ws

Legend

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