Phosphonic acid, allyl-, diallyl ester

Inchi: InChI=1S/C9H15O3P/c1-4-7-11-13(10,9-6-3)12-8-5-2/h4-6H,1-3,7-9H2
InchiKey: OEZDKAYURQJVOD-UHFFFAOYSA-N
Formula: C9H15O3P
SMILES: C=CCOP(=O)(CC=C)OCC=C
Mol. weight [g/mol]: 202.19
CAS: 3479-30-9

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.60		Crippen Method
logp	2.771		Crippen Method
mcvol	162.840	ml/mol	McGowan Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C3479309&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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