

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

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