

Phosphonic acid, morpholinomethyldiethyl ester

Inchi:	InChI=1S/C9H20NO4P/c1-3-13-15(11,14-4-2)9-10-5-7-12-8-6-10/h3-9H2,1-2H3
InchiKey:	QDSFNOHWQKVVEB-UHFFFAOYSA-N
Formula:	C9H20NO4P
SMILES:	CCOP(=O)(CN1CCOCC1)OCC
Mol. weight [g/mol]:	237.23
CAS:	27353-29-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.09		Crippen Method
logp	1.542		Crippen Method
mcvol	180.730	ml/mol	McGowan Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
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=C27353293&Units=SI

Legend

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

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