

Phosphoramidic acid, bis(2-hydroxyethyl)-, diethyl ester

Inchi:	InChI=1S/C8H20NO5P/c1-3-13-15(12,14-4-2)9(5-7-10)6-8-11/h10-11H,3-8H2,1-2H3
InchiKey:	AMWFMBXQIBYIJJ-UHFFFAOYSA-N
Formula:	C8H20NO5P
SMILES:	CCOP(=O)(OCC)N(CCO)CCO
Mol. weight [g/mol]:	241.22
CAS:	2359-07-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.71		Crippen Method
logp	0.454		Crippen Method
mcvol	183.370	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=C2359071&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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