

Phosphoramidous acid, dimethyl-, diethyl ester

Inchi:	InChI=1S/C6H16NO2P/c1-5-8-10(7(3)4)9-6-2/h5-6H2,1-4H3
InchiKey:	WTGFTEQIILNEIO-UHFFFAOYSA-N
Formula:	C6H16NO2P
SMILES:	CCOP(OCC)N(C)C
Mol. weight [g/mol]:	165.17
CAS:	2632-87-3

Physical Properties

Property code	Value	Unit	Source
log10ws	2.10		Crippen Method
logp	1.848		Crippen Method
mcvol	137.580	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=C2632873&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

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