

Phosphoramidous acid, p-methoxy phenyl-, diethyl ester

Inchi:	InChI=1S/C11H18NO3P/c1-4-14-16(15-5-2)12-10-6-8-11(13-3)9-7-10/h6-9,12H,4-5H2,1-
InchiKey:	KWFKVOTTGWYHI-UHFFFAOYSA-N
Formula:	C11H18NO3P
SMILES:	CCOP(Nc1ccc(OC)cc1)OCC
Mol. weight [g/mol]:	243.24
CAS:	5524-62-9

Physical Properties

Property code	Value	Unit	Source
log10ws	0.14		Crippen Method
logp	3.407		Crippen Method
mcvol	190.140	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=C5524629&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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