

Phosphonic diamide, n,n,n',n'-tetraethyl-p-phenyl-

Inchi:	InChI=1S/C14H25N2OP/c1-5-15(6-2)18(17,16(7-3)8-4)14-12-10-9-11-13-14/h9-13H,5-8H
InchiKey:	KPGVXVMXRHCDQU-UHFFFAOYSA-N
Formula:	C14H25N2OP
SMILES:	CCN(CC)P(=O)(c1ccccc1)N(CC)CC
Mol. weight [g/mol]:	268.33
CAS:	4519-35-1

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.59		Crippen Method
logp	3.189		Crippen Method
mcvol	230.650	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=C4519351&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

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

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