

n-Propyldiphenylphosphine

Other names:	Diphenyl-n-propylphosphine Phosphine, diphenylpropyl- Diphenylpropylphosphine
Inchi:	InChI=1S/C15H17P/c1-2-13-16(14-9-5-3-6-10-14)15-11-7-4-8-12-15/h3-12H,2,13H2,1H3
InchiKey:	AAXGWYDSLJUQLN-UHFFFAOYSA-N
Formula:	C15H17P
SMILES:	CCCP(c1ccccc1)c1ccccc1
Mol. weight [g/mol]:	228.27
CAS:	7650-84-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.94		Crippen Method
logp	3.529		Crippen Method
mcvol	195.150	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=C7650842&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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