

1,2-Bis(diethylphosphino)ethane

Other names:	Bis(1,2-diethylphosphino)ethane
Inchi:	InChI=1S/C10H24P2/c1-5-11(6-2)9-10-12(7-3)8-4/h5-10H2,1-4H3
InchiKey:	MIOCUERTSIJEDP-UHFFFAOYSA-N
Formula:	C10H24P2
SMILES:	CCP(CC)CCP(CC)CC
Mol. weight [g/mol]:	206.25
CAS:	6411-21-8

Physical Properties

Property code	Value	Unit	Source
log10ws	4.28		Crippen Method
logp	4.030		Crippen Method
mcvol	192.680	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=C6411218&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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<https://www.chemeo.com/cid/79-031-0/1-2-Bis-diethylphosphino-ethane.pdf>

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