

Bis(dimethylphosphino)methane

Inchi:	InChI=1S/C5H14P2/c1-6(2)5-7(3)4/h5H2,1-4H3
InchiKey:	MRNJHNUEBDGNEL-UHFFFAOYSA-N
Formula:	C5H14P2
SMILES:	CP(C)CP(C)C
Mol. weight [g/mol]:	136.11
CAS:	64065-08-3

Physical Properties

Property code	Value	Unit	Source
log10ws	5.88		Crippen Method
logp	2.427		Crippen Method
mcvol	122.230	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=C64065083&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/39-836-1/Bis-dimethylphosphino-methane.pdf>

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