Phosphine, 1,2-propadienyl-

Inchi:	InChI=1S/C3H5P/c1-2-3-4/h3H,1,4H2
InchiKey:	WWPYBNWNNHQNDJ-UHFFFAOYSA-N
Formula:	C3H5P
SMILES:	C=C=CP
Mol. weight [g/mol]:	72.05
CAS:	133672-87-4

Physical Properties

Property code	Value	Unit	Source
log10ws	2.47		Crippen Method
logp	1.160		Crippen Method
mcvol	64.990	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=C133672874&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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

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