

Bis-difluorophosphinic oxide

Other names:	Diphosphorus tetrafluoride Bis-difluorophosphinic oxide Diphosphorus tetrafluoride oxide Diphosphorous tetrafluoride oxide
Inchi:	InChI=1S/F4OP2/c1-6(2)5-7(3)4
InchiKey:	BOCCVSWJBAYVHO-UHFFFAOYSA-N
Formula:	F4OP2
SMILES:	FP(F)OP(F)F
Mol. weight [g/mol]:	153.94

Physical Properties

Property code	Value	Unit	Source
ie	11.20	eV	NIST Webbook
logp	3.335		Crippen Method
mcvol	64.730	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Cheméo Relay (1.0):	
Cheméo Relay (1.0, beta):	
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C13812072&Units=SI

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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