

Tetraphosphorus

Other names:	Tetraphosphorus
Inchi:	InChI=1S/P4/c1-3-4-2
InchiKey:	AWCFVNSXJPJXNT-UHFFFAOYSA-N
Formula:	P ₄
SMILES:	P#P=P#P
Mol. weight [g/mol]:	123.90

Physical Properties

Property code	Value	Unit	Source
basg	708.30	kJ/mol	NIST Webbook
logp	3.445		Crippen Method
mcvol	79.800	ml/mol	McGowan Method

Sources

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=U335292&Units=SI
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

basg:	Gas basicity
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/10-053-1/Tetraphosphorus.pdf>

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