

PHOSPHINE, METHYLENEBIS[DIMETHYL-

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]: 136.12

Physical Properties

Property code	Value	Unit	Source
logp	2.427		Crippen Method
mcvol	122.230	ml/mol	McGowan Method
tb	416.58	K	Cheméo Relay (1.0)
tf	214.88	K	Cheméo Relay (1.0)

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C64065083&Units=SI>

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):

Legend

logp: Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

tb: Normal Boiling Point Temperature

tf: Normal melting (fusion) point

Latest version available from:

<https://www.chemeo.com/cid/39-836-1/PHOSPHINE-METHYLENEBIS-DIMETHYL.pdf>

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