OP(N(CH3)2)(CH3)2

Other names: OP(N(CH3)2)(CH3)2
Inchi: InChI=1S/C4H12NOP/c1-5(2)7(3,4)6/h1-4H3
InchiKey: HULKTRNALMGDES-UHFFFAOYSA-N
Formula: C4H12NOP
SMILES: CN(C)P(C)(C)=O
Mol. weight [g/mol]: 121.12

Physical Properties

Property code	Value	Unit	Source
affp	935.50	kJ/mol	NIST Webbook
basg	903.00	kJ/mol	NIST Webbook
ie	8.08	eV	Cheméo Relay (1.0)
logp	1.086		Crippen Method
mcvol	103.530	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=C50663053&Units=SI

Legend

affp: Proton affinity
basg: Gas basicity
ie: Ionization energy
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume