PHOSPHINE, 1,2-ETHANEDIYLBIS[DIETHYL-

Other names: Bis(1,2-diethylphosphino)ethane
Inchi: InChI=1S/C10H24P2/c1-5-11(6-2)9-10-12(7-3)8-4/h5-10H2,1-4H3
InchiKey: MIOCUERTSIJEDP-UHFFFAOYSA-N
Formula: C10H24P2
SMILES: CCP(CC)CCP(CC)CC
Mol. weight [g/mol]: 206.25

Physical Properties

Property code	Value	Unit	Source
ie	8.28	eV	Cheméo Relay (1.0)
logp	4.030		Crippen Method
mcvol	192.680	ml/mol	McGowan Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C6411218&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):
Cheméo Relay (1.0, beta):

Legend

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

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.