Phosphoramidous acid, dimethyl-, diethyl ester

Inchi: InChI=1S/C6H16NO2P/c1-5-8-10(7(3)4)9-6-2/h5-6H2,1-4H3
InchiKey: WTGFTEQIILNEIO-UHFFFAOYSA-N
Formula: C6H16NO2P
SMILES: CCOP(OCC)N(C)C
Mol. weight [g/mol]: 165.17
CAS: 2632-87-3

Physical Properties

Property code	Value	Unit	Source
log10ws	2.10		Crippen Method
logp	1.848		Crippen Method
mcvol	137.580	ml/mol	McGowan Method

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C2632873&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume