Phosphoric acid, 2-chloro-3-(diethylamino)-1-methyl-3-oxo-1-prope dimethyl ester, (E)-

Other names:	ENT 25,515E ML 97 OR 1191 (E)-Phosphamidon trans-Phosphamidon Phosphamidon (isomer)
Inchi:	InChI=1S/C10H19ClNO5P/c1-6-12(7-2)10(13)9(11)8(3)17-18(14,15-4)16-5/h6-7H2,1-5H3
InchiKey:	RGCLLPNLLBQHPF-CMDGGOBGSA-N
Formula:	C10H19ClNO5P
SMILES:	CCN(CC)C(=O)C(Cl)=C(C)OP(=O)(OC)OC
Mol. weight [g/mol]:	299.69
CAS:	297-99-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.88		Crippen Method
logp	2.743		Crippen Method
mcvol	215.190	ml/mol	McGowan Method

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C297994&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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