Phosphonic acid, chloro, cyclic 2-ethyl-2-hydroxy-methyltrimethylene ester

Inchi: InChI=1S/C6H12ClO4P/c1-2-6(3-8)4-10-12(7,9)11-5-6/h8H,2-5H2,1H3
InchiKey: UGXGXYCELZNRBM-UHFFFAOYSA-N
Formula: C6H12ClO4P
SMILES: CCC1(CO)COP(=O)(Cl)OC1
Mol. weight [g/mol]: 214.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.84		Crippen Method
logp	1.769		Crippen Method
mcvol	140.720	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=B6001546&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