Cyclobutyl isopropylphosphonofluoridate

Inchi: InChI=1S/C7H14FO2P/c1-6(2)11(8,9)10-7-4-3-5-7/h6-7H,3-5H2,1-2H3
InchiKey: PJILPCSQPXKSSF-UHFFFAOYSA-N
Formula: C7H14FO2P
SMILES: CC(C)P(=O)(F)OC1CCC1
Mol. weight [g/mol]: 180.16

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.09		Crippen Method
logp	3.127		Crippen Method
mcvol	132.600	ml/mol	McGowan Method
rinpol	1143.00		NIST Webbook
rinpol	1143.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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=U298252&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices

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