cyclobutyl methylphosphonofluoridoate

Other names: Cyclobutyl methylphosphonofluoridate
Inchi: InChI=1S/C5H10FO2P/c1-9(6,7)8-5-3-2-4-5/h5H,2-4H2,1H3
InchiKey: JRZTZFUISNOIMN-UHFFFAOYSA-N
Formula: C5H10FO2P
SMILES: CP(=O)(F)OC1CCC1
Mol. weight [g/mol]: 152.11

Physical Properties

Property code	Value	Unit	Source
logp	2.348		Crippen Method
mcvol	104.420	ml/mol	McGowan Method
rinpol	1003.00		NIST Webbook
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Sources

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):
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U298360&Units=SI

Legend

logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices