cyclooctyl isopropylphosphonofluoridate

Inchi: InChI=1S/C11H22FO2P/c1-10(2)15(12,13)14-11-8-6-4-3-5-7-9-11/h10-11H,3-9H2,1-2H3
InchiKey: QYQMMSKFTOXOQI-UHFFFAOYSA-N
Formula: C11H22FO2P
SMILES: CC(C)P(=O)(F)OC1CCCCCCC1
Mol. weight [g/mol]: 236.27

Physical Properties

Property code	Value	Unit	Source
logp	4.687		Crippen Method
mcvol	188.960	ml/mol	McGowan Method
rinpol	1610.00		NIST Webbook
rinpol	1610.00		NIST Webbook

Sources

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=U298268&Units=SI
McGowan Method: http://link.springer.com/article/10.1007/BF02311772
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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.