

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
rinpol	1003.00		NIST Webbook

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

Latest version available from:

<https://www.chemeo.com/cid/80-876-1/cyclobutyl-methylphosphonofluoridoate.pdf>

Generated by Cheméo on 2026-07-21 22:22:22.323673012 +0000 UTC m=+183638.165558434.

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