O-Methyl-O-(1,1-difluoro-2-chloroethyl)-N-cyclopr

Inchi: InChI=1S/C6H11ClF2NO2PS/c1-11-13(14,10-5-2-3-5)12-6(8,9)4-7/h5H,2-4H2,1H3,(H,10
InchiKey: YEFGQWUFJYAIRN-UHFFFAOYSA-N
Formula: C6H11ClF2NO2PS
SMILES: COP(=S)(NC1CC1)OC(F)(F)CCl
Mol. weight [g/mol]: 265.65

Physical Properties

Property code	Value	Unit	Source
log10ws	1.08		Crippen Method
logp	2.458		Crippen Method
mcvol	158.850	ml/mol	McGowan Method
rinpol	1420.00		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=R544204&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