

O-Ethyl-O-(1,1-difluoro-2-chloroethyl)-N,N-dimeth

Inchi: InChI=1S/C6H13ClF2NO2PS/c1-4-11-13(14,10(2)3)12-6(8,9)5-7/h4-5H2,1-3H3
InchiKey: VNAGDMPYMUTFHF-UHFFFAOYSA-N
Formula: C6H13ClF2NO2PS
SMILES: CCOP(=S)(OC(F)(F)CCl)N(C)C
Mol. weight [g/mol]: 267.66

Physical Properties

Property code	Value	Unit	Source
log10ws	1.71		Crippen Method
logp	2.657		Crippen Method
mcvol	169.710	ml/mol	McGowan Method
rinsol	1282.00		NIST Webbook
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Sources

McGowan Method: <http://link.springer.com/article/10.1007/BF02311772>
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R544031&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

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

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