

# O-Ethyl-O-(1,1-difluoro-2-chloroethyl)-N-isobutyl-P

<b>Inchi:</b>	InChI=1S/C8H17CIF2NO2PS/c1-4-13-15(16,12-5-7(2)3)14-8(10,11)6-9/h7H,4-6H2,1-3H3
<b>InchiKey:</b>	VIOVGZSZAHDPPM-UHFFFAOYSA-N
<b>Formula:</b>	C8H17CIF2NO2PS
<b>SMILES:</b>	CCOP(=S)(NCC(C)C)OC(F)(F)CCI
<b>Mol. weight [g/mol]:</b>	295.71

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.49		Crippen Method
logp	3.341		Crippen Method
mcvol	197.890	ml/mol	McGowan Method
rinpola	1479.00		NIST Webbook
rinpola	1479.00		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
<b>Crippen Method:</b>	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R543994&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R543994&amp;Units=SI</a>

## Legend

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

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