

# O-Methyl-O-(1,1-difluoro-2-chloroethyl)-N-cyclopropylphosphorothioamide

<b>Inchi:</b>	InChI=1S/C6H11CIF2NO2PS/c1-11-13(14,10-5-2-3-5)12-6(8,9)4-7/h5H,2-4H2,1H3,(H,10)
<b>InchiKey:</b>	YFEGQWUFJYAIRN-UHFFFAOYSA-N
<b>Formula:</b>	C6H11CIF2NO2PS
<b>SMILES:</b>	COP(=S)(NC1CC1)OC(F)(F)CCI
<b>Mol. weight [g/mol]:</b>	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
rinpola	1420.00		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.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.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=R544204&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R544204&amp;Units=SI</a>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/57-930-6/O-Methyl-O-1-1-difluoro-2-chloroethyl-N-cyclopropyl-phosphorothioamidate>

Generated by Cheméo on 2024-05-13 01:59:06.12485499 +0000 UTC m=+17854795.045432303.

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