Fluoromide

Other names:	Fluoroimide
	1H-Pyrrole-2,5-dione, 3,4-dichloro-1-(4-fluorophenyl)-
	2,3-Dichloro-N-4-fluorophenylmaleimide
	3,4-Dichloro-1-(4-fluorophenyl)-1H-pyrrole-2,5-dione
	N-p-Fluorophenyl-2,3-dichloromaleimide
	MK 23
	Spartcide
	Spat
	Sparticide
Inchi:	InChI=1S/C10H4Cl2FNO2/c11-7-8(12)10(16)14(9(7)15)6-3-1-5(13)2-4-6/h1-4H
InchiKey:	IPENDKRRWFURRE-UHFFFAOYSA-N
Formula:	C10H4Cl2FNO2
SMILES:	O=C1C(Cl)=C(Cl)C(=O)N1c1ccc(F)cc1
Mol. weight [g/mol]:	260.05
CAS:	41205-21-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.14		Crippen Method
logp	2.388		Crippen Method
mcvol	152.210	ml/mol	McGowan Method
rinpol	1744.80		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C41205214&Units=SI
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

Legend

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