

Fluroxypyr

Other names:

Acetic acid, ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy)-
((4-Amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy)acetic acid
4-Amino-3,5-dichloro-6-fluoro-2-pyridyloxyacetic acid
Starane
Dowco 433
EF-689

Inchi:

Acetic acid, 2-[(4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy]-

InchiKey:

InChI=1S/C7H5Cl2FN2O3/c8-3-5(11)4(9)7(12-6(3)10)15-1-2(13)14/h1H2,(H2,11,12)(H,1

Formula:

MEFQWPUMEMWTJP-UHFFFAOYSA-N

SMILES:

C7H5Cl2FN2O3

Mol. weight [g/mol]:

Nc1c(Cl)c(F)nc(OCC(=O)O)c1Cl

CAS:

255.03

69377-81-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.21		Crippen Method
logp	1.573		Crippen Method
mvol	145.250	ml/mol	McGowan Method

Sources

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=C69377817&Units=SI>

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci990307l>

Legend

log10ws:

Log10 of Water solubility in mol/l

logp:

Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.chemeo.com/cid/40-684-8/Fluroxypyr.pdf>

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