

haloxyfop ethoxyethyl

Other names:	Haloxyfop-2-ethoxy ether ester
Inchi:	InChI=1S/C19H19ClF3NO5/c1-3-26-8-9-27-18(25)12(2)28-14-4-6-15(7-5-14)29-17-16(20)
InchiKey:	MIJLZGZLQLAQCM-UHFFFAOYSA-N
Formula:	C19H19ClF3NO5
SMILES:	CCOCCOC(=O)C(C)Oc1ccc(Oc2ncc(C(F)(F)F)cc2Cl)cc1
Mol. weight [g/mol]:	433.81
CAS:	87237-48-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.35		Crippen Method
logp	4.893		Crippen Method
mcvol	283.630	ml/mol	McGowan Method
rinpol	2382.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C87237487&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

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<https://www.chemeo.com/cid/82-091-0/haloxfop-ethoxyethyl.pdf>

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