

Quizalofop ethyl

Other names:

Assure
2-[4-[(6-Chloro-2-quinoxalinyloxy]phenoxy]propanoic acid ethyl ester
DPX-Y 6202
EXP-3864
FBC-32197
INY-6202
NC-302
NCI-96683
Pilot
Quinofop-ethyl
Targa
Propanoic acid, 2-(4-((6-chloro-2-quinoxalinyloxy)phenoxy)-, ethyl ester
Xylofop-ethyl
Quizalofop, ethyl ester

Inchi:

InChI=1S/C19H17ClN2O4/c1-3-24-19(23)12(2)25-14-5-7-15(8-6-14)26-18-11-21-17-10-1

InchiKey:

OSUHJPCHFDQAIT-UHFFFAOYSA-N

Formula:

C₁₉H₁₇ClN₂O₄

SMILES:

CCOC(=O)C(C)Oc1ccc(Oc2cnc3cc(Cl)ccc3n2)cc1

Mol. weight [g/mol]:

372.80

CAS:

76578-14-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.90		Crippen Method
logp	4.406		Crippen Method
mcvol	262.970	ml/mol	McGowan Method
rinsol	2766.00		NIST Webbook
rinsol	2766.00		NIST Webbook

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=C76578148&Units=SI>

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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