Ethyl 2-[4-(6-chlorobenzoxazolyl-2-oxy)phenoxy]propio

Other names: Propanoic acid, 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]-, ethyl ester
Propanoic acid, 2-(4-((6-chloro-2-benzoxazolyl)oxy)phenoxy)-, ethyl ester, (.+/-.)-
Fenoxaprop ethyl ester
Whip
Puma
Furore
Acclaim
HOE 33171
HOE-A 25-01
Ethyl 2-[4-(6-chlorobenzoxazolyl-2-oxy)phenoxy]propionate
ethyl 2-[4-[(6-chlorobenzoxazol-2-yl)oxy]phenoxy]propionate

Inchi: InChI=1S/C18H16ClNO5/c1-2-22-17(21)9-10-23-13-4-6-14(7-5-13)24-18-20-15-8-3-12(1

InchiKey: ZZJKDQVEAHXHLK-UHFFFAOYSA-N

Formula: C18H16ClNO5

SMILES: CCOC(=O)CCOc1ccc(Oc2nc3ccc(Cl)cc3o2)cc1

Mol. weight [g/mol]: 361.78

Physical Properties

Property code	Value	Unit	Source
chs	-8630.30 ± 5.00	kJ/mol	NIST Webbook
hfs	-762.80 ± 6.10	kJ/mol	NIST Webbook
logp	4.606		Crippen Method
mcvol	249.070	ml/mol	McGowan Method

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=C116573183&Units=SI

McGowan Method: http://link.springer.com/article/10.1007/BF02311772

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

chs:	Standard solid enthalpy of combustion
hfs:	Solid phase enthalpy of formation at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume