
Product Data Sheet

Product Name: Fenoxaprop-P-ethyl

Cat. No.: GC30454

Chemical Properties

Cas. No. 71283-80-2

SMILES C[C@@H](OC1=CC=C(OC2=NC3=CC=C(Cl)C=C3O2)C=C1)C(OCC)=O

Formula $C_{18}H_{16}ClNO_5$ M.Wt 361.78

Solubility DMSO: ≥ 100 mg/mL (276.41 mM) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure

Background

Fenoxaprop-P-ethyl is a post-emergent phenoxy herbicide of the aryloxyphenoxy propionate group.

[1]. Zawahir S, et al. Acute intentional self-poisoning with a herbicide product containing fenoxaprop-P-ethyl, ethoxysulfuron, and isoxadifen ethyl: a prospective observational study. Clin Toxicol (Phila). 2009 Sep;47(8):792-797.

Caution: Product has not been fully validated for medical applications. For research use only.

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