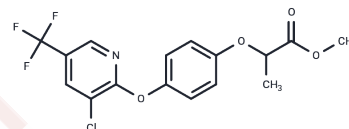


## Haloxypop methyl ester

## Chemical Properties

CAS No. :	69806-40-2
Formula:	C <sub>16</sub> H <sub>13</sub> ClF <sub>3</sub> NO <sub>4</sub>
Molecular Weight:	375.73
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Methyl 2-(4-((3-chloro-5-(trifluoromethyl)-2-pyridinyl)oxy)phenoxy)propanoate is a selective herbicide, an inhibitor of fatty acid synthesis, and has a systemic effect. After the stem and leaves are treated, it is quickly absorbed by weeds and transmitted to the whole plant, hydrolyzed into acid, and inhibits the growth of root and stem meristems, resulting in death. For soybean, cotton, peanut, rape, nursery, flax, and other broad-leaved crops to control crabgrass, kangaroo, beef tendon grass, barnyard grass, foxtail, chinensis and other annual grass weeds and bermudagrass, imperatae, etc. ineffective against broadleaf grasses and sedges.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 60 mg/mL (159.69 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6615 mL	13.3074 mL	26.6149 mL
5 mM	0.5323 mL	2.6615 mL	5.323 mL
10 mM	0.2661 mL	1.3307 mL	2.6615 mL
50 mM	0.0532 mL	0.2661 mL	0.5323 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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