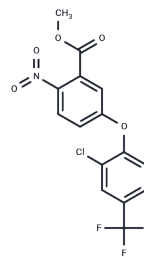


## Acifluorfen-methyl

## Chemical Properties

CAS No. :	50594-67-7
Formula:	C <sub>15</sub> H <sub>9</sub> ClF <sub>3</sub> NO <sub>5</sub>
Molecular Weight:	375.68
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	Acifluorfen-methyl, a photobleaching herbicide [1], functions as an inhibitor of the enzyme protoporphyrinogen oxidase (Protox), which is crucial for heme and chlorophyll biosynthesis.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6618 mL	13.3092 mL	26.6184 mL
5 mM	0.5324 mL	2.6618 mL	5.3237 mL
10 mM	0.2662 mL	1.3309 mL	2.6618 mL
50 mM	0.0532 mL	0.2662 mL	0.5324 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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