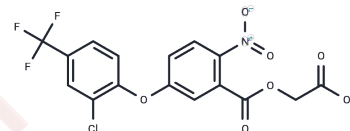


Fluoroglycofen

Chemical Properties

CAS No. : 77501-60-1
 Formula: C₁₆H₉ClF₃NO₇
 Molecular Weight: 419.69
 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 | Fluoroglycofen is a herbicide utilized in vineyards for the eradication of weeds. |
| Targets(IC50) | Others |
| In vitro | Fluoroglycofen modulates the net photosynthetic rate based on concentration and also variably impacts pigment content, leading to reductions or increases respectively[1]. |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.3827 mL | 11.9136 mL | 23.8271 mL |
| 5 mM | 0.4765 mL | 2.3827 mL | 4.7654 mL |
| 10 mM | 0.2383 mL | 1.1914 mL | 2.3827 mL |
| 50 mM | 0.0477 mL | 0.2383 mL | 0.4765 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.

Reference

WeiTan, et al. Photosynthesis and growth responses of grapevine to acetochlor and fluoroglycofen. Pesticide Biochemistry and Physiology. Volume 103, Issue 3, July 2012, Pages 210-218.

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