

Herbicide agent 7

Chemical Properties

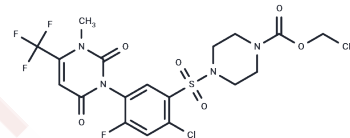
CAS No. :

Formula: C₁₉H₁₉ClF₄N₄O₆S

Molecular Weight: 542.889

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	Herbicide agent 7 (Compound 15c) acts as an inhibitor of protoporphyrinogen IX oxidase (PPO). By interfering with pigment synthesis in plants, it demonstrates herbicidal activity against broadleaf weeds such as <i>Z. elegans</i> and <i>A. theophrasti</i> , as well as grass weeds like <i>S. glauca</i> and <i>E. crusgalli</i> .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.842 mL	9.210 mL	18.4199 mL
5 mM	0.3684 mL	1.842 mL	3.684 mL
10 mM	0.1842 mL	0.921 mL	1.842 mL
50 mM	0.0368 mL	0.1842 mL	0.3684 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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