

## Herbicide agent 10

## Chemical Properties

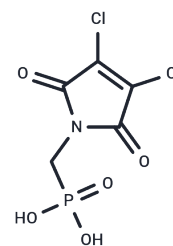
CAS No. :

Formula: C<sub>5</sub>H<sub>4</sub>Cl<sub>2</sub>NO<sub>5</sub>P

Molecular Weight: 259.97

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 10 (compound 3s) is a highly effective herbicide. It inhibits SvEPSPS with an IC <sub>50</sub> value of 7.8 μM. |
| Targets(IC <sub>50</sub> ) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 3.8466 mL | 19.233 mL | 38.466 mL |
| 5 mM  | 0.7693 mL | 3.8466 mL | 7.6932 mL |
| 10 mM | 0.3847 mL | 1.9233 mL | 3.8466 mL |
| 50 mM | 0.0769 mL | 0.3847 mL | 0.7693 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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