

PPO-IN-3

Chemical Properties

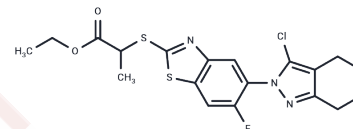
CAS No. : 1879036-82-4

Formula: C₁₉H₁₉ClFN₃O₂S₂

Molecular Weight: 439.95

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	PPO-IN-3 (Compound 8ad) is a potent PPO inhibitor with a K_i value of 0.67 nM and demonstrates post-emergence herbicidal properties suitable for weed management [1].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.273 mL	11.3649 mL	22.7299 mL
5 mM	0.4546 mL	2.273 mL	4.546 mL
10 mM	0.2273 mL	1.1365 mL	2.273 mL
50 mM	0.0455 mL	0.2273 mL	0.4546 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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