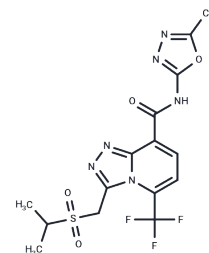


Ip triazopyrid

Chemical Properties

CAS No. :	1994348-72-9
Formula:	C ₁₅ H ₁₅ F ₃ N ₆ O ₄ S
Molecular Weight:	432.38
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	Ip triazopyrid (NC-656) is a triazole carboxamide herbicide that targets 4-hydroxyphenylpyruvate dioxygenase (HPPD). It exhibits a K_i value of 24.3 nM for Arabidopsis HPPD and 33.3 nM for rice HPPD. By inhibiting the synthesis of plastoquinone and carotenoids, Ip triazopyrid causes weed yellowing and death. It shows promise in research for controlling paddy field weeds such as barnyard grass.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3128 mL	11.5639 mL	23.1278 mL
5 mM	0.4626 mL	2.3128 mL	4.6256 mL
10 mM	0.2313 mL	1.1564 mL	2.3128 mL
50 mM	0.0463 mL	0.2313 mL	0.4626 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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