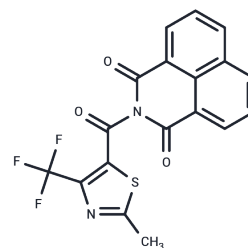


Transketolase-IN-2

Chemical Properties

CAS No. :	2757552-21-7
Formula:	C ₁₈ H ₉ F ₃ N ₂ O ₃ S
Molecular Weight:	390.34
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	Transketolase-IN-2 is a potent inhibitor of Transketolase, demonstrating significant inhibitory effects on <i>Digitaria sanguinalis</i> and <i>Amaranthus retroflexus</i> , with over 90% inhibition at 200 mg/L and approximately 80% at 100 mg/L. This compound is relevant for research in weed control.
Targets(IC50)	Others,Transketolase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5619 mL	12.8093 mL	25.6187 mL
5 mM	0.5124 mL	2.5619 mL	5.1237 mL
10 mM	0.2562 mL	1.2809 mL	2.5619 mL
50 mM	0.0512 mL	0.2562 mL	0.5124 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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