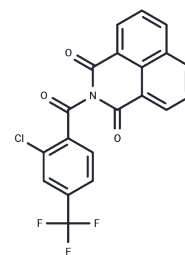


Transketolase-IN-3

Chemical Properties

CAS No. :	2757552-03-5
Formula:	C ₂₀ H ₉ ClF ₃ NO ₃
Molecular Weight:	403.74
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-3, a potent inhibitor of transketolase (TK), exhibits herbicidal activity by effectively suppressing <i>Digitaria sanguinalis</i> (DS) and <i>Amaranthus retroflexus</i> (AR). This compound holds potential for herbicide research applications [1].
Targets(IC50)	Others,Transketolase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4768 mL	12.3842 mL	24.7684 mL
5 mM	0.4954 mL	2.4768 mL	4.9537 mL
10 mM	0.2477 mL	1.2384 mL	2.4768 mL
50 mM	0.0495 mL	0.2477 mL	0.4954 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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