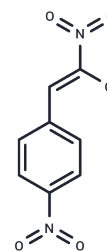


## FBPase-IN-2

## Chemical Properties

CAS No. :	127143-25-3
Formula:	C <sub>8</sub> H <sub>5</sub> ClN <sub>2</sub> O <sub>4</sub>
Molecular Weight:	228.59
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	FBPase-IN-2 (HS36), a potent covalent inhibitor of Fructose-1,6-bisphosphatase (FBPase), exhibits an IC <sub>50</sub> of 0.15 μM and effectively reduces glucose production in hepatocytes, making it relevant for type 2 diabetes mellitus research [1].
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3746 mL	21.8732 mL	43.7464 mL
5 mM	0.8749 mL	4.3746 mL	8.7493 mL
10 mM	0.4375 mL	2.1873 mL	4.3746 mL
50 mM	0.0875 mL	0.4375 mL	0.8749 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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