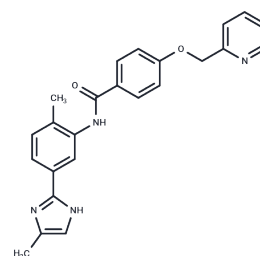


## Hedgehog IN-2

## Chemical Properties

CAS No. :	1126365-74-9
Formula:	C <sub>24</sub> H <sub>22</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	398.46
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	Hedgehog IN-2 (Compound 20) acts as an inhibitor of the Hedgehog signaling pathway, with an IC <sub>50</sub> of <0.003 μM in C3H10T1/2 cells [1].
Targets(IC <sub>50</sub> )	Others,Hedgehog/Smoothened
In vitro	Hedgehog IN-2 (3 μM; 72 h) inhibits the Hedgehog signaling pathway with a suppression rate of 58.1% in C3H10T1/2 cells [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5097 mL	12.5483 mL	25.0966 mL
5 mM	0.5019 mL	2.5097 mL	5.0193 mL
10 mM	0.251 mL	1.2548 mL	2.5097 mL
50 mM	0.0502 mL	0.251 mL	0.5019 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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