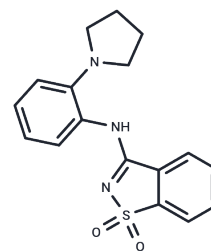


M1001

## Chemical Properties

CAS No. : 874590-32-6  
 Formula: C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>S  
 Molecular Weight: 327.4  
 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	M1001 is a HIF-2 $\alpha$ agonist.
Targets(IC50)	HIF/HIF Prolyl-Hydroxylase,HIF

## Solubility Information

Solubility	DMSO: 250 mg/mL (763.59 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 5 mg/mL (15.27 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0544 mL	15.2718 mL	30.5437 mL
5 mM	0.6109 mL	3.0544 mL	6.1087 mL
10 mM	0.3054 mL	1.5272 mL	3.0544 mL
50 mM	0.0611 mL	0.3054 mL	0.6109 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.

Reference

Bidirectional Modulation of HIF-2 Activity through Chemical Ligands[C]// 0.

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