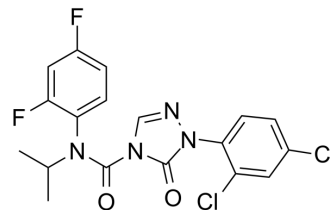


## Ipfencarbazone

Cat. No.:	HY-17515		
CAS No.:	212201-70-2		
Molecular Formula:	C <sub>18</sub> H <sub>14</sub> Cl <sub>2</sub> F <sub>2</sub> N <sub>4</sub> O <sub>2</sub>		
Molecular Weight:	427.23		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 130 mg/mL (304.29 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.3407 mL	11.7033 mL	23.4066 mL
		5 mM	0.4681 mL	2.3407 mL	4.6813 mL
10 mM		0.2341 mL	1.1703 mL	2.3407 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.17 mg/mL (5.08 mM); Clear solution  2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.17 mg/mL (5.08 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Ipfencarbazone is a substance being developed for the control of weeds such as watergrass in rice; herbicide agent.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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