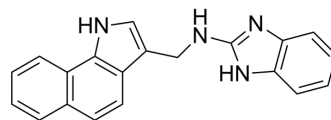


AJ2-71

Cat. No.:	HY-155863		
CAS No.:	2700323-17-5		
Molecular Formula:	C ₂₀ H ₁₆ N ₄		
Molecular Weight:	312.37		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (320.13 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.2013 mL	16.0067 mL	32.0133 mL
		5 mM	0.6403 mL	3.2013 mL	6.4027 mL
10 mM		0.3201 mL	1.6007 mL	3.2013 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: 2.5 mg/mL (8.00 mM); Clear solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.5 mg/mL (8.00 mM); Clear solution; Need ultrasonic				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (8.00 mM); Clear solution; Need ultrasonic				

BIOLOGICAL ACTIVITY

Description	AJ2-71 is a SLC15A4 inhibitor. AJ2-71 inhibits IFN-α production. AJ2-71 blocks SLC15A4-mediated MDP transport. AJ2-71 can be used for research of inflammation ^[1] .
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REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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