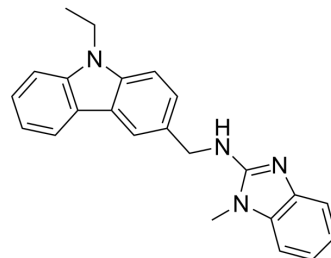


AJ2-30

Cat. No.:	HY-155864
CAS No.:	2700322-79-6
Molecular Formula:	C ₂₃ H ₂₂ N ₄
Molecular Weight:	354.45
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (141.06 mM; ultrasonic and warming and heat to 60°C)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		2.8213 mL	14.1064 mL	28.2127 mL
		5 mM		0.5643 mL	2.8213 mL	5.6425 mL
		10 mM		0.2821 mL	1.4106 mL	2.8213 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: ≥ 5 mg/mL (14.11 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (14.11 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	AJ2-30 is a SLC15A4 inhibitor. AJ2-30 inhibits TLR9-mediated B cell activation. AJ2-30 block endogenous NOD signaling in human and mouse macrophages. AJ2-30 can be used for research of inflammation ^[1] .
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REFERENCES

[1]. Daniel Lazar, et al. Small molecule inhibitors of scl15a4 with anti-inflammatory activity. Patent. WO2021174023.

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

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