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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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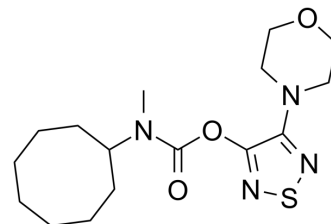
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JZP-430

Cat. No.:	HY-101457
CAS No.:	1672691-74-5
Molecular Formula:	C ₁₆ H ₂₆ N ₄ O ₃ S
Molecular Weight:	354.47
Target:	MAGL
Pathway:	Metabolic Enzyme/Protease
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 (282.11 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	2.8211 mL	14.1056 mL	28.2111 mL	
		5 mM	0.5642 mL	2.8211 mL	5.6422 mL	
		10 mM	0.2821 mL	1.4106 mL	2.8211 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.05 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.05 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	JZP-430 is a potent, highly selective, irreversible inhibitor of α/β-hydrolase domain 6 (ABHD6) with an IC ₅₀ of 44 nM, exhibits ~230-fold selectivity over fatty acid amide hydrolase (FAAH) and lysosomal acid lipase (LAL) ^[1] .
IC ₅₀ & Target	IC ₅₀ : 44 nM (ABHD6, human) ^[1]

REFERENCES

[1]. Patel JZ, et al. Optimization of 1,2,5-thiadiazole carbamates as potent and selective ABHD6 inhibitors. ChemMedChem. 2015 Feb;10(2):253-65.

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

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