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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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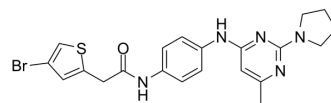
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CHD1Li 6.11

Cat. No.:	HY-144256
CAS No.:	2716890-91-2
Molecular Formula:	C ₂₁ H ₂₂ BrN ₅ OS
Molecular Weight:	472.4
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 (211.69 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.1169 mL	10.5843 mL	21.1685 mL
		5 mM		0.4234 mL	2.1169 mL	4.2337 mL
		10 mM		0.2117 mL	1.0584 mL	2.1169 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 (5.29 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	CHD1Li 6.11 is a potent oncogenic CHD1L inhibitor (IC ₅₀ =3.3 μM for cat-CHD1L recombinant protein). CHD1Li 6.11 is an orally bioavailable antitumor agent, significantly reducing the tumor volume of CRC xenografts generated from isolated quasi mesenchymal cells (M-phenotype), which possess enhanced tumorigenic properties ^[1] .
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REFERENCES

[1]. Prigaro BJ, et al. Design, Synthesis, and Biological Evaluation of the First Inhibitors of Oncogenic CHD1L. J Med Chem. 2022;65(5):3943-3961.

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

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