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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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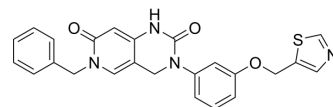
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Brr2-IN-3

Cat. No.:	HY-137820
CAS No.:	2104030-82-0
Molecular Formula:	C ₂₄ H ₂₀ N ₄ O ₃ S
Molecular Weight:	444.51
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
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 (112.48 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration	Mass		
			1 mg	5 mg	10 mg
		1 mM	2.2497 mL	11.2483 mL	22.4967 mL
		5 mM	0.4499 mL	2.2497 mL	4.4993 mL
		10 mM	0.2250 mL	1.1248 mL	2.2497 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 (5.62 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.62 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (4.68 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Brr2-IN-3 is a potent and selective Brr2 helicase allosteric Inhibitor. Brr2-IN-3 inhibits helicase activity in dose-dependent manner with an IC ₅₀ value of 1.3 μM ^[1] .
IC ₅₀ & Target	IC ₅₀ : 1.3 μM (Brr2) ^[1]

REFERENCES

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

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