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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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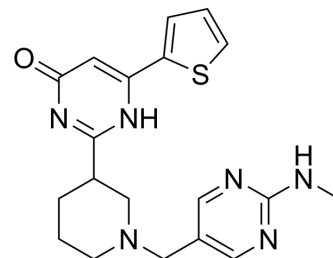
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Ribocil

Cat. No.:	HY-19487
CAS No.:	1381289-58-2
Molecular Formula:	C ₁₉ H ₂₂ N ₆ OS
Molecular Weight:	382.48
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 12.5 mg/mL (32.68 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	2.6145 mL	13.0726 mL	26.1452 mL
		5 mM	0.5229 mL	2.6145 mL	5.2290 mL
		10 mM	0.2615 mL	1.3073 mL	2.6145 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: ≥ 1.25 mg/mL (3.27 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (3.27 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (3.27 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Ribocil is a highly selective chemical regulator that regulates the bacterial riboflavin nuclear switch. Ribocil strongly inhibits GFP expression with an EC ₅₀ value of 0.3 μM.
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REFERENCES

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

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