



SZABO SCANDIC

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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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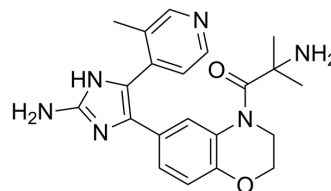
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SMT-738

Cat. No.:	HY-157536		
Molecular Formula:	C ₂₁ H ₂₄ N ₆ O ₂		
Molecular Weight:	392.45		
Target:	Bacterial		
Pathway:	Anti-infection		
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 (254.81 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		2.5481 mL	12.7405 mL	25.4810 mL
		5 mM		0.5096 mL	2.5481 mL	5.0962 mL
10 mM		0.2548 mL	1.2740 mL	2.5481 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 (6.37 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.37 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.37 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	SMT-738 is a small-molecule inhibitor of bacterial lipoprotein transport targeting Enterobacteriaceae ^[1] .
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REFERENCES

[1]. E B M Breidenstein, et al. SMT-738: a novel small-molecule inhibitor of bacterial lipoprotein transport targeting Enterobacteriaceae. Antimicrob Agents Chemother. 2024 Jan 10;68(1):e0069523.

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

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