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Produktinformation



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Diagnostik & molekulare Diagnostik



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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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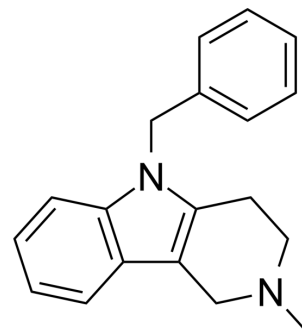
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Mebhydrolin

Cat. No.:	HY-B1303A		
CAS No.:	524-81-2		
Molecular Formula:	C ₁₉ H ₂₀ N ₂		
Molecular Weight:	276.38		
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 : 50 mg/mL (180.91 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration	Mass		
			1 mg	5 mg	10 mg
		1 mM	3.6182 mL	18.0910 mL	36.1821 mL
		5 mM	0.7236 mL	3.6182 mL	7.2364 mL
		10 mM	0.3618 mL	1.8091 mL	3.6182 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 (9.05 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.05 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (9.05 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Mebhydrolin is a specific histamine H ₁ receptor antagonist.
IC ₅₀ & Target	Histamine H1-receptor ^[1]
In Vitro	Mebhydrolin is a specific histamine H ₁ -receptor antagonist and comparing it with the effects of chlorpromazine, the archetypical phenothiazine ^[1] . Mebhydrolin exerts an antihistaminic effect over the period of the ethanol interaction study ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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