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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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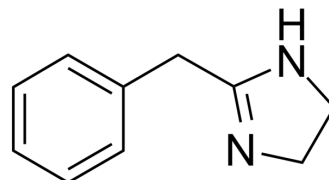
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Tolazoline

Cat. No.:	HY-A0066		
CAS No.:	59-98-3		
Molecular Formula:	C ₁₀ H ₁₂ N ₂		
Molecular Weight:	160.22		
Target:	Adrenergic Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
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 : 200 mg/mL (1248.28 mM; Need ultrasonic)					
		Solvent Concentration	Mass	1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM		6.2414 mL	31.2071 mL	62.4142 mL
		5 mM		1.2483 mL	6.2414 mL	12.4828 mL
		10 mM		0.6241 mL	3.1207 mL	6.2414 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: ≥ 5 mg/mL (31.21 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (31.21 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (31.21 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tolazoline(Imidaline) is a non-selective competitive α-adrenergic receptor antagonist.
IC ₅₀ & Target	α-adrenoceptor.
In Vitro	Tolazoline (Imidaline) can be synthesized by the heterocyclization of the ethyl ester of iminophenylacetic acid with ethylene diamine, which forms the desired product. The structure of Tolazoline (Imidaline) is strikingly similar to α-adrenergic agonists, which are antiedema sympathomimetics.

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Tolazoline, From Wikipedia

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

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