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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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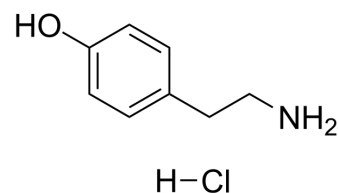
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Tyramine hydrochloride

Cat. No.:	HY-W016823
CAS No.:	60-19-5
Molecular Formula:	C ₈ H ₁₂ ClNO
Molecular Weight:	173.64
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 100 mg/mL (575.90 mM; Need ultrasonic)					
	DMSO : 100 mg/mL (575.90 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	5.7590 mL	28.7952 mL	57.5904 mL
			5 mM	1.1518 mL	5.7590 mL	11.5181 mL
10 mM			0.5759 mL	2.8795 mL	5.7590 mL	
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (287.95 mM); Clear solution; Need ultrasonic					
	2. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (14.40 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (14.40 mM); Clear solution					
	4. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (14.40 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Tyramine hydrochloride is an amino acid that helps regulate blood pressure. Tyramine hydrochloride occurs naturally in the body, and it's found in certain foods ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite
In Vitro	Tyramine is normally broken down in your body by an enzyme called MAO (monoamine oxidase) ^[1] .

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

REFERENCES

[1]. C Brown , et al. The Monoamine Oxidase Inhibitor-Tyramine Interaction. J Clin Pharmacol. 1989 Jun;29(6):529-32.

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

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