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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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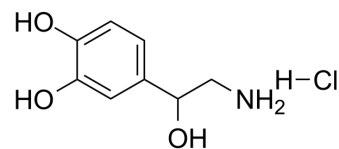
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DL-Norepinephrine hydrochloride

Cat. No.:	HY-N7142
CAS No.:	55-27-6
Molecular Formula:	C ₈ H ₁₂ ClNO ₃
Molecular Weight:	205.64
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
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	1M HCl : 100 mg/mL (486.29 mM; ultrasonic and adjust pH to 1 with HCl)					
	DMSO : 50 mg/mL (243.14 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
		Concentration				
		1 mM		4.8629 mL	24.3143 mL	48.6287 mL
5 mM			0.9726 mL	4.8629 mL	9.7257 mL	
	10 mM		0.4863 mL	2.4314 mL	4.8629 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: ≥ 0.89 mg/mL (4.33 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 0.89 mg/mL (4.33 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 0.89 mg/mL (4.33 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	DL-Norepinephrine hydrochloride is a synthetic phenylethylamine that mimics the sympathomimetic actions of the endogenous norepinephrine. DL-Norepinephrine hydrochloride is a neurotransmitter targets α1 and β1 adrenoceptors, has an increasing effect on subendocardial oxygen tension ^[1] .
IC₅₀ & Target	IC50: α1 adrenoceptor and β1 adrenoceptor ^[1]

REFERENCES

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

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