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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Hydroxylamine hydrochloride

Cat. No.:	HY-Y0882
CAS No.:	5470-11-1
Molecular Formula:	ClH ₄ NO
Molecular Weight:	69.49
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Storage:	Store at room temperature, keep dry and cool



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (1439.06 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	14.3906 mL	71.9528 mL	143.9056 mL
		5 mM	2.8781 mL	14.3906 mL	28.7811 mL
		10 mM	1.4391 mL	7.1953 mL	14.3906 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 (35.98 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (35.98 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (35.98 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Hydroxylamine hydrochloride is a selective monoamine oxidase (MAO) inhibitor used for inhibiting of platelet aggregation. Hydroxylamine hydrochloride is an intermediate of organic synthesis ^[1] .
In Vitro	Hydroxylamine hydrochloride (1 mM) inhibits the activity of MAO for 99.8% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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