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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Hydroxylamine hydrochloride

Cat. No.:	HY-Y0882
CAS No.:	5470-11-1
Molecular Formula:	ClH ₄ NO
Molecular Weight:	69
Target:	Monoamine Oxidase
Pathway:	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	DMSO : 100 mg/mL (1449.28 mM; Need ultrasonic)																								
	Preparing Stock Solutions	<table border="1"> <thead> <tr> <th>Solvent Concentration</th> <th>Mass</th> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td></td> <td>14.4928 mL</td> <td>72.4638 mL</td> <td>144.9275 mL</td> </tr> <tr> <td>5 mM</td> <td></td> <td>2.8986 mL</td> <td>14.4928 mL</td> <td>28.9855 mL</td> </tr> <tr> <td>10 mM</td> <td></td> <td>1.4493 mL</td> <td>7.2464 mL</td> <td>14.4928 mL</td> </tr> </tbody> </table>	Solvent Concentration	Mass	1 mg	5 mg	10 mg	1 mM		14.4928 mL	72.4638 mL	144.9275 mL	5 mM		2.8986 mL	14.4928 mL	28.9855 mL	10 mM		1.4493 mL	7.2464 mL	14.4928 mL			
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Please refer to the solubility information to select the appropriate solvent.																									
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (36.23 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (36.23 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (36.23 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA