

Data Sheet

Product Name:	Hydroxylamine (hydrochloride)
Cat. No.:	CS-0015850
CAS No.:	5470-11-1
Molecular Formula:	ClH ₄ NO
Molecular Weight:	69.49
Target:	Monoamine Oxidase
Pathway:	Neuronal Signaling
Solubility:	DMSO : 100 mg/mL (ultrasonic)



BIOLOGICAL ACTIVITY:

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].

References:

[1]. Roh JH, et al. Purification, characterization, and crystallization of monoamine oxidase from Escherichia coli K-12. *Biosci Biotechnol Biochem.* 1994 Sep;58(9):1652-6.

CAIndexNames:

Hydroxylamine, hydrochloride (1:1)

SMILES:

NO.Cl

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

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