

Product Data Sheet

Product Name: Hydroxyamine hydrochloride

Cat. No.: GC60917

Chemical Properties

Cas. No. 5470-11-1

SMILES NO.[H]Cl

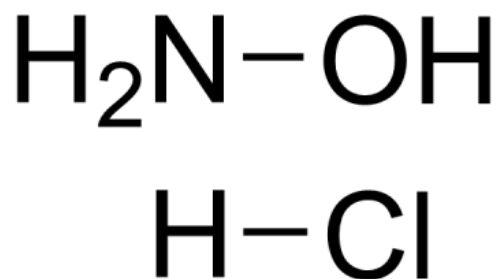
Formula ClH_4NO M.Wt 69.49

Solubility DMSO : 100 mg/mL (1439.06 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Hydroxyamine hydrochloride is a selective monoamine oxidase (MAO) inhibitor used for inhibiting of platelet aggregation. Hydroxyamine hydrochloride is an intermediate of organic synthesis[1].

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

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Hydroxyamine hydrochloride (1 mM) inhibits the activity of MAO for 99.8%[1].

[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.

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