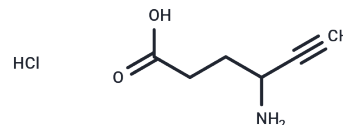


γ-Acetylenic GABA hydrochloride

Chemical Properties

CAS No. :	103451-26-9
Formula:	C ₆ H ₁₀ ClNO ₂
Molecular Weight:	163.6
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	γ-Acetylenic GABA hydrochloride is a GABA transaminase inhibitor.
Targets(IC50)	Transaminase,GABA Receptor
In vivo	Intraperitoneal injection of γ-Acetylenic GABA hydrochloride (100 mg/kg) inhibits the activity of GABA transaminase and increases the concentration of GABA in rat brains potently[2].

Solubility Information

Solubility	DMSO: 50 mg/mL (305.62 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1125 mL	30.5623 mL	61.1247 mL
5 mM	1.2225 mL	6.1125 mL	12.2249 mL
10 mM	0.6112 mL	3.0562 mL	6.1125 mL
50 mM	0.1222 mL	0.6112 mL	1.2225 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

- Casey DE, et, al. gamma-Acetylenic GABA in tardive dyskinesia. Arch Gen Psychiatry. 1980 Dec;37(12):1376-9.
Palfreyman MG, et, al. The effect of gamma-acetylenic GABA, an enzyme-activated irreversible inhibitor of GABA-

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481