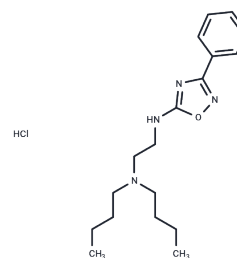


Butalamine HCl

Chemical Properties

CAS No. :	56974-46-0
Formula:	C ₁₈ H ₂₉ ClN ₄ O
Molecular Weight:	352.9
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Butalamine HCl is a vasodilator (peripheral) with local anesthetic effects. It suppresses state 3 respiration and decreases ADP/O in the rat liver.
Targets(IC50)	Others,Cholinesterase (ChE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8337 mL	14.1683 mL	28.3366 mL
5 mM	0.5667 mL	2.8337 mL	5.6673 mL
10 mM	0.2834 mL	1.4168 mL	2.8337 mL
50 mM	0.0567 mL	0.2834 mL	0.5667 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Tine J, Junien JL. Effects of butalamine on oxydative phosphorylations in the rat liver. *Arzneimittelforschung*. 1976; 26(9):1677-80. PubMed PMID: 826262.
- Morgon A. [Test of butalamine in labyrinth diseases]. *JFORL J Fr Otorhinolaryngol Audiophonol Chir Maxillofac*. 1976 May;25(5):395-8. French. PubMed PMID: 133207.
- Traissac L. [Clinical trial of butalamine]. *Rev Laryngol Otol Rhinol (Bord)*. 1973 Sep-Oct;94(9):465-72. French. PubMed PMID: 4603409.
- Coupar IM, Hedges A, Metcalfe HL, Turner P. Effect of aminophylline, butalamine and imolamine on human isolated smooth muscle. *J Pharm Pharmacol*. 1969 Jul;21(7):474-5. PubMed PMID: 4390076.

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