

Alverine hydrochloride

Chemical Properties

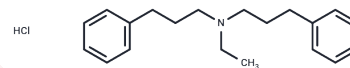
CAS No. : 5982-87-6

Formula: C₂₀H₂₈ClN

Molecular Weight: 317.9

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	Alverine hydrochloride is a parasympatholytic.
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1456 mL	15.7282 mL	31.4564 mL
5 mM	0.6291 mL	3.1456 mL	6.2913 mL
10 mM	0.3146 mL	1.5728 mL	3.1456 mL
50 mM	0.0629 mL	0.3146 mL	0.6291 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

Lee SH, Athavankar S, Cohen T, Piran R, Kiselyuk A, Levine F. Identification of alverine and benfluorex as HNF4 α activators. *ACS Chem Biol.* 2013 Aug 16;8(8):1730-6. doi: 10.1021/cb4000986. Epub 2013 May 29. PubMed PMID: 23675775; PubMed Central PMCID: PMC3922238.

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Ducrotte P, Grimaud JC, Dapoigny M, Personnic S, O'Mahony V, Andro-Delestrain MC. On-demand treatment with alverine citrate/simeticone compared with standard treatments for irritable bowel syndrome: results of a randomised pragmatic study. *Int J Clin Pract.* 2014 Feb;68(2):245-54. doi: 10.1111/ijcp.12333. Epub 2013 Oct 21. PubMed PMID: 24147869; PubMed Central PMCID: PMC4282257.

Annaházi A, Róka R, Rosztóczy A, Wittmann T. Role of antispasmodics in the treatment of irritable bowel syndrome. *World J Gastroenterol.* 2014 May 28;20(20):6031-43. doi: 10.3748/wjg.v20.i20.6031. Review. PubMed PMID: 24876726; PubMed Central PMCID: PMC4033443.

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