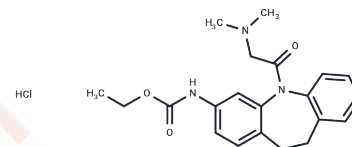


Tiracizine HCl

Chemical Properties

CAS No. : 78816-67-8
 Formula: C₂₁H₂₆ClN₃O₃
 Molecular Weight: 403.9
 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	Tiracizine HCl, a new class I antiarrhythmic drug, was studied in patients with ischemic heart disease and shown to decrease myocardial contractile function.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4759 mL	12.3793 mL	24.7586 mL
5 mM	0.4952 mL	2.4759 mL	4.9517 mL
10 mM	0.2476 mL	1.2379 mL	2.4759 mL
50 mM	0.0495 mL	0.2476 mL	0.4952 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

- Galenko-Iaroshevskii PA, Khankoeva AI, Uvarov AV, Bartashevich VV, Popov PB, Sirotenko DV, Boldin VB. [Correction of the cardiotoxic effect of the anti-arrhythmia agents with befol, sufan, and their combination]. *Biull Eksp Biol Med.* 1998 Jun;125(6):641-6. Russian. PubMed PMID: 9693756.
- Oertel R, Richter K, Gramatté T, Kirch W. Determination of drugs in biological fluids by high-performance liquid chromatography with on-line sample processing. *J Chromatogr A.* 1998 Feb 27;797(1-2):203-9. PubMed PMID: 9542112.
- Mishin Iul, Kliachkina IL, Ivashkin VT, Min'kova TI, Bannikova SD. [The anti-arrhythmia action of tiracizine in patients with ischemic heart disease and decreased myocardial contractile function]. *Voen Med Zh.* 1997 Jun;318(6):44-7. Russian. PubMed PMID: 9412062.
- Galenko-Iaroshevskii PA, Khankoeva AI, Uvarov AV, Reznikov Alu, Galygo DS, Bartashevich VV. [Comparative anti-arrhythmia activity of befol, lidocaine, and bonnecor]. *Biull Eksp Biol Med.* 1996 Dec;122(12):665-8. Russian. PubMed PMID: 9280469.

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