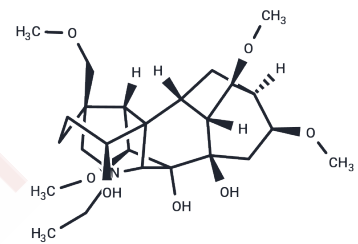


Delsoline

Chemical Properties

CAS No. :	509-18-2
Formula:	C ₂₅ H ₄₁ N ₇ O
Molecular Weight:	467.6
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	1. Delsoline (Belsoline) has hypotensive effects. 2. Delsoline is not only effective in preventing ventricular fibrillation and arrhythmia, but can raise the intensity of the threshold of electrical shocks to cause ventricular fibrillation in rabbits, the antiarrhythmic effect of it may be mainly attributed to its ganglionic blocking and negative cardiac inotropic effect.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 4.68 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.14 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1386 mL	10.6929 mL	21.3858 mL
5 mM	0.4277 mL	2.1386 mL	4.2772 mL
10 mM	0.2139 mL	1.0693 mL	2.1386 mL
50 mM	0.0428 mL	0.2139 mL	0.4277 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

Jesús G, Díaz, Juan García, Ruiza, Werner H . Norditerpene and diterpene alkaloids from *Aconitum variegatum*[J]. *Phytochemistry*, 2005, 66(7):837-846.

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:34 Washington Street,Wellesley Hills,MA 02481