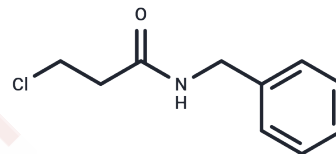


Beclamide

Chemical Properties

CAS No. :	501-68-8
Formula:	C ₁₀ H ₁₂ ClNO
Molecular Weight:	197.66
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	Beclamide (Chlorakon) (N-benzyl-B-chloropropionamide) is a drug that possesses anticonvulsant activity. It is no longer used. It has been used as a sedative and as an anticonvulsant. It was studied in the 1950s for its anticonvulsant properties, as a treatment for generalized tonic-clonic seizures. It was not effective for absence seizures.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (252.96 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: 2 mg/mL (10.12 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	5.0592 mL	25.296 mL	50.5919 mL
5 mM	1.0118 mL	5.0592 mL	10.1184 mL
10 mM	0.5059 mL	2.5296 mL	5.0592 mL
50 mM	0.1012 mL	0.5059 mL	1.0118 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

Darmani NA, et al. J Pharm Pharmacol. 1988 Dec; 40(12):891-3.

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