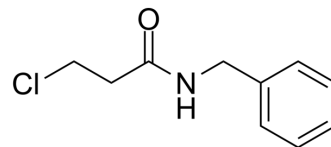


Beclamide

Cat. No.:	HY-B1185		
CAS No.:	501-68-8		
Molecular Formula:	C ₁₀ H ₁₂ ClNO		
Molecular Weight:	197.66		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (505.92 mM)
 H₂O : 0.67 mg/mL (3.39 mM; Need ultrasonic)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		5.0592 mL	25.2960 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

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
 Solubility: ≥ 3.25 mg/mL (16.44 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 3.25 mg/mL (16.44 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 3.25 mg/mL (16.44 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Beclamide is a drug that possesses anticonvulsant activity, has been used as an anticonvulsant.

Caution: Product has not been fully validated for medical applications. For research use only.

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