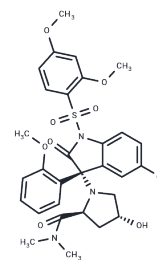


Nelivaptan

Chemical Properties

CAS No. : 439687-69-1
 Formula: C₃₀H₃₂ClN₃O₈S
 Molecular Weight: 630.11
 Appearance: no data available
 Storage: keep away from direct sunlight
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Nelivaptan (SR 149415) is a vasopressin V1b receptor antagonist.
Targets(IC ₅₀)	Vasopressin Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (79.35 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.587 mL	7.9351 mL	15.8702 mL
5 mM	0.3174 mL	1.587 mL	3.174 mL
10 mM	0.1587 mL	0.7935 mL	1.587 mL
50 mM	0.0317 mL	0.1587 mL	0.3174 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.

Reference

Zhu J, et al. Arginine Vasopressin and Arginine Vasopressin Receptor 1b Involved in Electroacupuncture-Attenuated Hypothalamic-Pituitary-Adrenal Axis Hyperactivity in Hepatectomy Rats. *Neuromodulation*. 2016 Jul;19

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