

Astressin 2B

Chemical Properties

CAS No. : 681260-70-8
Formula: C183H307N49O53
Molecular Weight: 4041.69
Appearance: no data available
Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Potent and selective corticotropin-releasing factor receptor 2 (CRF2) antagonist (IC50 values are 1.3 and > 500 nM for CRF2 and CRF1 respectively). Antagonizes CRF2-mediated inhibition of gastric emptying.
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Solubility Information

Solubility	H2O: 1 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2474 mL	1.2371 mL	2.4742 mL
5 mM	0.0495 mL	0.2474 mL	0.4948 mL
10 mM	0.0247 mL	0.1237 mL	0.2474 mL
50 mM	0.0049 mL	0.0247 mL	0.0495 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

Rivier et al (2002) Potent and long-acting cortico. releasing factor (CRF) receptor 2 selective peptide competitive antagonists. J.Med.Chem. 45 4737 PMID:

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