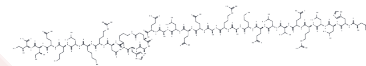


## Astressin

## Chemical Properties

CAS No. :	170809-51-5
Formula:	C161H269N49O42
Molecular Weight:	3563.16
Storage:	Keep away from moisture 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	Astressin is an amino-terminal truncated analog of CRF that retains high affinity binding to the extracellular domain of the receptor and is believed to act as a neutral competitive antagonist of receptor activation.
Targets(IC50)	CRFR

## Solubility Information

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

	1mg	5mg	10mg
1 mM	0.2806 mL	1.4032 mL	2.8065 mL
5 mM	0.0561 mL	0.2806 mL	0.5613 mL
10 mM	0.0281 mL	0.1403 mL	0.2806 mL
50 mM	0.0056 mL	0.0281 mL	0.0561 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

Gulyas J, et al. Potent, structurally constrained agonists and competitive antagonists of corticotropin-releasing factor. Proc Natl Acad Sci U S A. 1995 Nov 7;92(23):10575-9.

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