

Sauvagine

Chemical Properties

CAS No. :	74434-59-6
Formula:	C202H346N56O63S
Molecular Weight:	4599.35
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

[Pty]GPPISIDLSLELLRKMIEIEKOEKEKQQAANNRLLDIT-NH₂

Biological Description

Description	Corticotropin-releasing factor (CRF) receptor agonist. Ki values are 9.4, 9.9, and 3.8 nM for inhibition of ¹²⁵ I-[D-Tyr ¹]astressin binding to hCRF-R1, rCRF-R2a and mCRF-R2b respectively.
Targets(IC50)	CRFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2174 mL	1.0871 mL	2.1742 mL
5 mM	0.0435 mL	0.2174 mL	0.4348 mL
10 mM	0.0217 mL	0.1087 mL	0.2174 mL
50 mM	0.0043 mL	0.0217 mL	0.0435 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

- Eckart et al (1999) Actions of CRF and its analogues. Curr.Med.Chem. 6 1035 PMID:
 Montecucchi and Henschen (1981) Amino acid composition and sequence analysis of sauvagine, a new active peptide from the skin of PHYLLOMEDUSA SAWAGEI. Int.J.Pept.Protein Res. 18 113 PMID:
 Perrin and Vale (1999) Corticotropin releasing factor receptors and their ligand family. Ann.N.Y.Acad.Sci. 885 312 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481