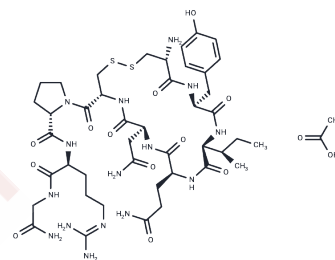


[Arg8]-Vasotocin acetate(113-80-4 free base)

Chemical Properties

CAS No. :	74927-14-3
Formula:	C45H71N15O14S2
Molecular Weight:	1110.27
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	[Arg8]-Vasotocin acetate is a hormone present in the neurohypophysis of nonmammalian vertebrates that is related to vasopressin and oxytocin.
Targets(IC50)	Others
In vitro	[Arg8]-Vasotocin occurs throughout the vertebrate phyla, being present in primitive fish, the cyclostomes, and remaining unchanged in vertebrates up to and including birds[1]. [Arg8]-Vasotocin excites neurones in the dorsal vagal complex in vitro[2].

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9007 mL	4.5034 mL	9.0068 mL
5 mM	0.1801 mL	0.9007 mL	1.8014 mL
10 mM	0.0901 mL	0.4503 mL	0.9007 mL
50 mM	0.018 mL	0.0901 mL	0.1801 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

Ingram CD, et al [Arg8]vasotocin excites neurones in the dorsal vagal complex in vitro: evidence for an action through novel class(es) of CNS receptors. J Neuroendocrinol. 1994 Aug;6(4):415-22.

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