

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

Chemical Properties

CAS No. :

Formula: C45H68F3N15O14S2

Molecular Weight: 1164.24

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	[Arg8]-Vasotocin (TFA) is a nonmammalian vertebrate neurohypophyseal peptide.
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Solubility Information

Solubility	H2O: 50 mg/mL (42.95 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8589 mL	4.2946 mL	8.5893 mL
5 mM	0.1718 mL	0.8589 mL	1.7179 mL
10 mM	0.0859 mL	0.4295 mL	0.8589 mL
50 mM	0.0172 mL	0.0859 mL	0.1718 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.

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