

## Hemopressin (human, mouse) acetate

## Chemical Properties

CAS No. :

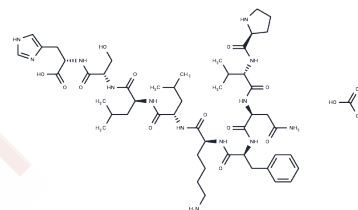
Formula: C52H83N13O14

Molecular Weight: 1114.29

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	Hemopressin (human, mouse) acetate is a nonapeptide derived from the $\alpha 1$ -chain of hemoglobin, is originally isolated from rat brain homogenates. Hemopressin is orally active, selective and inverse agonist of CB1 cannabinoid receptors. Hemopressin exerts antinociceptive action in inflammatory pain models.
Targets(IC50)	Cannabinoid Receptor

## Solubility Information

Solubility	H2O: 10 mM, Sonication is recommended. DMSO: Insoluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8974 mL	4.4872 mL	8.9743 mL
5 mM	0.1795 mL	0.8974 mL	1.7949 mL
10 mM	0.0897 mL	0.4487 mL	0.8974 mL
50 mM	0.0179 mL	0.0897 mL	0.1795 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

Rioli et al (2003) Novel natural peptide substrates for endopeptidase 24.15, neurolysin, and angiotensin-converting enzyme. J.Biol.Chem. 278 8547 PMID:

Blais et al (2005) Hypotensive effects of hemopressin and bradykinin in rabbits, rats and mice. A comparative study. Peptides 26 1317 PMID:

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