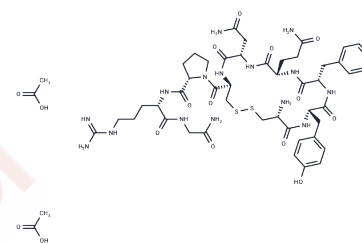


Argipressin diacetate

Chemical Properties

CAS No. :	75499-44-4
Formula:	C50H73N15O16S2
Molecular Weight:	1204.34
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	Argipressin (diacetate) (AVP (diacetate)), also known as antidiuretic hormone (ADH)), is a nine-amino acid neuropeptide produced by the posterior pituitary gland. It plays a crucial role in maintaining fluid balance, osmolality, and cardiovascular function through interaction with three distinct G-protein coupled receptors (GPCRs): Avpr1a (V1a), Avpr1b (V1b), and Avpr2 (V2). Argipressin (diacetate) also influences centrally regulated metabolic processes, highlighting its significance in physiological regulation [1].
Targets(IC50)	Apoptosis, Vasopressin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8303 mL	4.1517 mL	8.3033 mL
5 mM	0.1661 mL	0.8303 mL	1.6607 mL
10 mM	0.083 mL	0.4152 mL	0.8303 mL
50 mM	0.0166 mL	0.083 mL	0.1661 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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