

Acein acetate

Chemical Properties

CAS No. :

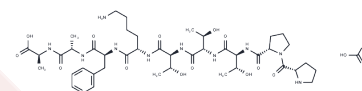
Formula: C45H72N10O15

Molecular Weight: 993.11

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	Acein acetate is a high-affinity angiotensin-converting enzyme (ACE) ligand (Kd = 2.79 nM). Concentrations up to 500 nM had no significant effect on ACE enzyme activity. Enhanced NMDA + D-serine-induced dopamine release from striatal slices in vitro and striatum in vivo.
Targets(IC50)	RAAS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0069 mL	5.0347 mL	10.0694 mL
5 mM	0.2014 mL	1.0069 mL	2.0139 mL
10 mM	0.1007 mL	0.5035 mL	1.0069 mL
50 mM	0.0201 mL	0.1007 mL	0.2014 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

Neasta et al (2016) The novel nonapeptide acein targets angiotensin converting enzyme in the brain and induces DA release. Br.J.Pharmacol. 173 1314 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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