

Angiotensin 1/2 (5-7) acetate

Chemical Properties

CAS No. :

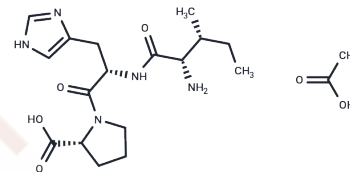
Formula: C19H31N5O6

Molecular Weight: 425.49

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	Angiotensin 1/2 (5-7) acetate is a peptide with the sequence H ₂ N-Ile-His-Pro-OH. Angiotensin is an oligopeptide and is a hormone and a powerful diuretic. It is derived from the precursor molecule angiotensinogen, a serum globulin produced in the liver. It plays an important role in the renin-angiotensin system.
Targets(IC50)	RAAS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3502 mL	11.7512 mL	23.5023 mL
5 mM	0.470 mL	2.3502 mL	4.7005 mL
10 mM	0.235 mL	1.1751 mL	2.3502 mL
50 mM	0.047 mL	0.235 mL	0.470 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

Basso N , Terragno N A . History About the Discovery of the Renin-Angiotensin System[J]. Hypertension, 2001, 38 (6):1246.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481