

(Sar¹)-Angiotensin II acetate

Chemical Properties

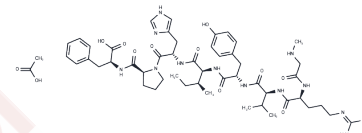
CAS No. :

Formula: C₅₁H₇₅N₁₃O₁₂

Molecular Weight: 1062.22

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	(Sar ¹)-Angiotensin II acetate, an analogue of Angiotensin II, is a specific agonist of angiotensin AT1 receptor. It binds to brain membrane-rich particles, with a K _d of 2.7 nM. It can stimulate protein synthesis and cell growth in embryonic chick myocytes.
Targets(IC ₅₀)	RAAS

Solubility Information

Solubility	DMSO: 10.63 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9414 mL	4.7071 mL	9.4142 mL
5 mM	0.1883 mL	0.9414 mL	1.8828 mL
10 mM	0.0941 mL	0.4707 mL	0.9414 mL
50 mM	0.0188 mL	0.0941 mL	0.1883 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481