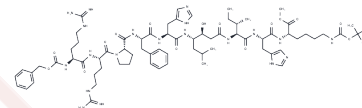


Cgp 29287

Chemical Properties

CAS No. : 93287-54-8
Formula: C72H110N20O15
Molecular Weight: 1495.77
Storage: Keep away from moisture
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	Cgp 29287 is a primate-specific renin inhibitor. It also has a prolonged duration of action.
Targets(IC50)	RAAS,Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6686 mL	3.3428 mL	6.6855 mL
5 mM	0.1337 mL	0.6686 mL	1.3371 mL
10 mM	0.0669 mL	0.3343 mL	0.6686 mL
50 mM	0.0134 mL	0.0669 mL	0.1337 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

- Samani NJ, Cumin F, Kelly M, Wood JM. Expression of components of the RAS during prolonged blockade at different levels in primates. *Am J Physiol.* 1994 Oct;267(4 Pt 1):E612-9. PubMed PMID: 7943312.
- Humke U, Levens N, Wood J, Hofbauer K. Responses to renin inhibition in conscious primates. *Am J Physiol.* 1991 Jul;261(1 Pt 2):F179-86. PubMed PMID: 1907105.
- Nussberger J, Brunner DB, Waeber B, Brunner HR. In vitro renin inhibition to prevent generation of angiotensins during determination of angiotensin I and II. *Life Sci.* 1988;42(17):1683-8. PubMed PMID: 2835564.
- de Gasparo MM, Wood JM, Heusser CH. Mechanism of inhibition of human renin by monoclonal antibodies. *Hypertension.* 1988 Mar;11(3):209-16. PubMed PMID: 3280480.

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