

ES 8891

Chemical Properties

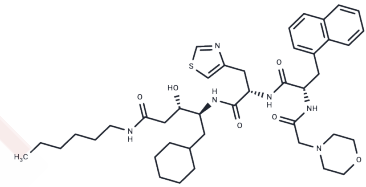
CAS No. : 129445-88-1

Formula: C42H60N6O6S

Molecular Weight: 777.03

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	ES 8891 is an inhibitor of renin.
Targets(IC50)	RAAS,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.287 mL	6.4348 mL	12.8695 mL
5 mM	0.2574 mL	1.287 mL	2.5739 mL
10 mM	0.1287 mL	0.6435 mL	1.287 mL
50 mM	0.0257 mL	0.1287 mL	0.2574 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

- li Y, Murakami E, Hiwada K. Effect of renin inhibitor, ES-8891, on renal renin secretion and storage in the marmoset: comparison with captopril. *J Hypertens.* 1991 Dec;9(12):1119-25. PubMed PMID: 1663967.
- Kokubu T, Hiwada K, Murakami E, Muneta S, Kitami Y, Salmon PF. ES-8891, an orally active inhibitor of human renin. *Hypertension.* 1990 Jun;15(6 Pt 2):909-13. PubMed PMID: 2112512.
- Kitami Y, Hiwada K, Murakami E, Iwata T, Muneta S, Kokubu T. Kidney renin gene expression after renin inhibition in the marmoset. *Clin Sci (Lond).* 1991 Sep;81(3):387-92. PubMed PMID: 1655341.
- Fukamizu A, Sugimura K, Takimoto E, Sugiyama F, Seo MS, Takahashi S, Hatae T, Kajiwarra N, Yagami K, Murakami K. Chimeric renin-angiotensin system demonstrates sustained increase in blood pressure of transgenic mice carrying both human renin and human angiotensinogen genes. *J Biol Chem.* 1993 Jun 5;268(16):11617-21. PubMed PMID: 8505294.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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