

SR 42128

Chemical Properties

CAS No. : 98092-14-9

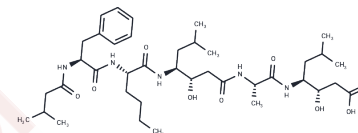
Formula: C₃₉H₆₅N₅O₉

Molecular Weight: 747.975

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	SR 42128 is arginine salt.
Targets(IC50)	RAAS

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3369 mL	6.6847 mL	13.3693 mL
5 mM	0.2674 mL	1.3369 mL	2.6739 mL
10 mM	0.1337 mL	0.6685 mL	1.3369 mL
50 mM	0.0267 mL	0.1337 mL	0.2674 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

Delie F, Couvreur P, Nisato D, Michel JB, Puisieux F, Letourneux Y. Synthesis and in vitro study of a diglyceride prodrug of a peptide. *Pharm Res.* 1994 Aug;11(8):1082-7. PubMed PMID: 7971705.

Cumin F, Nisato D, Gagnol JP, Corvol P. A potent radiolabeled human renin inhibitor, [3H]SR42128: enzymatic, kinetic, and binding studies to renin and other aspartic proteases. *Biochemistry.* 1987 Dec 1;26(24):7615-21. PubMed PMID: 3322402.

Gougat J, Canat S, Lacour C, Cazaubon C, Gagnol J, Nisato D. [Increase in plasma levels of active and inactive renin after inhibition of renin activity by SR 42128 in conscious Macaca monkeys]. *Arch Mal Coeur Vaiss.* 1987 Jun;80(6):875-8. French. PubMed PMID: 3116988.

Chansel D, Dussaule JC, Ardaillou N, Ardaillou R. Identification and regulation of renin in human cultured mesangial cells. *Am J Physiol.* 1987 Jan;252(1 Pt 2):F32-8. PubMed PMID: 3544867.

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