

L 681176

Chemical Properties

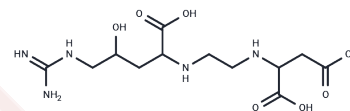
CAS No. : 91386-17-3

Formula: C₁₂H₂₃N₅O₇

Molecular Weight: 349.34

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	L 681176 is an inhibitor of the angiotensin-converting enzyme.
Targets(IC50)	RAAS,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8625 mL	14.3127 mL	28.6254 mL
5 mM	0.5725 mL	2.8625 mL	5.7251 mL
10 mM	0.2863 mL	1.4313 mL	2.8625 mL
50 mM	0.0573 mL	0.2863 mL	0.5725 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

Hensens OD, Liesch JM. Structure elucidation of angiotensin converting enzyme inhibitor L-681,176 from *Streptomyces* sp. MA 5143a. *J Antibiot* (Tokyo). 1984 May;37(5):466-8. PubMed PMID: 6203887.

Huang L, Rowin G, Dunn J, Sykes R, Dobna R, Mayles BA, Gross DM, Burg RW. Discovery, purification and characterization of the angiotensin converting enzyme inhibitor, L-681,176, produced by *Streptomyces* sp. MA 5143a. *J Antibiot* (Tokyo). 1984 May;37(5):462-5. PubMed PMID: 6203886.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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