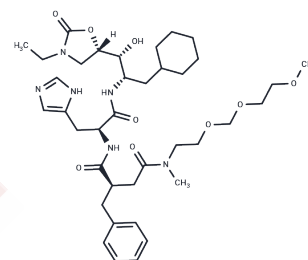


A 65317

Chemical Properties

CAS No. : 122224-84-4
 Formula: C₃₈H₅₈N₆O₉
 Molecular Weight: 742.90
 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	A 65317 is a selective renin inhibitor that causes a blockade of the renin-angiotensin system.
Targets(IC50)	RAAS,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3461 mL	6.7304 mL	13.4608 mL
5 mM	0.2692 mL	1.3461 mL	2.6922 mL
10 mM	0.1346 mL	0.673 mL	1.3461 mL
50 mM	0.0269 mL	0.1346 mL	0.2692 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

- Verburg KM, Kadam JR, Young GA, Rosenberg SH, Kleinert HD. Effect of intrarenal renin inhibition on renal hemodynamics and excretory function. *Am J Physiol.* 1990 Jul;259(1 Pt 2):R7-14. PubMed PMID: 2197881.
- Dayton BD, Stein HH, Cohen J, Baker WR, Boyd SA, Condon SL, Donner BG, Fung AK, Luly JR, Rosenberg SH, et al. Effects of angiotensinase inhibitors on plasma protein binding and IC₅₀ determinations of renin inhibitors. *Clin Chem.* 1992 Nov;38(11):2239-43. PubMed PMID: 1330373.
- Kim J, Hughbanks T. Synthesis and structures of new ternary aluminum chalcogenides: LiAlSe₂, alpha-LiAlTe₂, and beta-LiAlTe₂. *Inorg Chem.* 2000 Jul 10;39(14):3092-7. PubMed PMID: 11196906.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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