

Delcasertib acetate

Chemical Properties

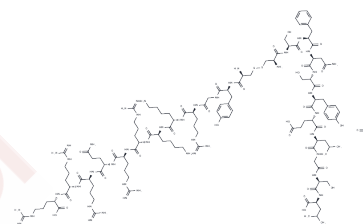
CAS No. :

Formula: C122H203N45O36S2

Molecular Weight: 2940.33

Storage: Store at low temperature, 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	Delcasertib acetate is a selective δ protein kinase C (δ PKC) inhibitor for the study of acute myocardial infarction and pain.
Targets(IC50)	PKC
In vivo	In six-week-old male Crl:CD(SD) rats, Delcasertib acetate (1 mg/kg; administered via the femoral vein) facilitated distribution to tissues such as the liver, kidney, and heart through reversible conjugation to TAT47-57[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3401 mL	1.7005 mL	3.401 mL
5 mM	0.068 mL	0.3401 mL	0.6802 mL
10 mM	0.034 mL	0.170 mL	0.3401 mL
50 mM	0.0068 mL	0.034 mL	0.068 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

Miyaji Y, et al. Distribution of KAI-9803, a novel δ -protein kinase C inhibitor, after intravenous administration to rats. Drug Metab Dispos. 2011 Oct;39(10):1946-53.

Bates E, et al. Intracoronary KAI-9803 as an adjunct to primary percutaneous coronary intervention for acute ST-segment elevation myocardial infarction. Circulation. 2008 Feb 19;117(7):886-96.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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