

KP-6

Chemical Properties

CAS No. : 2102414-23-1

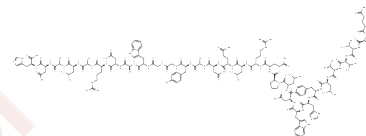
Formula: C159H232N46O44

Molecular Weight: 3491.82

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	KP-6 is a peptide that acts as an inhibitor of the Wnt/ β -catenin signaling pathway. It suppresses TGF- β and disrupts key signals that lead to rapid fibrosis in vivo. KP-6 helps prevent kidney tissue damage and fibrosis, offering the potential to reverse the progression of chronic kidney disease (CKD).
Targets(IC50)	Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2864 mL	1.4319 mL	2.8638 mL
5 mM	0.0573 mL	0.2864 mL	0.5728 mL
10 mM	0.0286 mL	0.1432 mL	0.2864 mL
50 mM	0.0057 mL	0.0286 mL	0.0573 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481