

KB-R7785

Chemical Properties

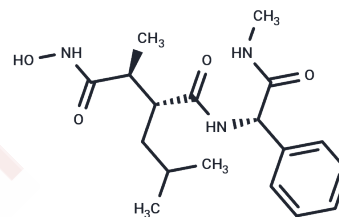
CAS No. : 168158-16-5

Formula: C₁₈H₂₇N₃O₄

Molecular Weight: 349.42

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	KB-R7785 is a novel ADAM12 and MMP inhibitor, ameliorating cardiac function in a transverse aortic constriction (TAC) model by inhibiting the proteolytic activation of HB-EGF signaling, exerting its antidiabetic effect by ameliorating insulin sensitivity through the inhibition of TNF-alpha production.
Targets(IC50)	MMP,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8619 mL	14.3094 mL	28.6189 mL
5 mM	0.5724 mL	2.8619 mL	5.7238 mL
10 mM	0.2862 mL	1.4309 mL	2.8619 mL
50 mM	0.0572 mL	0.2862 mL	0.5724 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

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