

cyclo(RLsKDK)

Chemical Properties

CAS No. : 1975145-82-4

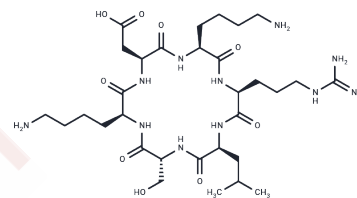
Formula: C₃₁H₅₇N₁₁O₉

Molecular Weight: 727.85

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	Cyclo(RLsKDK) (BK-1361) serves as a targeted inhibitor of the metalloproteinase ADAM8, demonstrating efficacy with an IC ₅₀ value of 182 nM. This compound shows promise for use in the treatment of inflammatory diseases and cancer, highlighting its potential therapeutic applications.
Targets(IC ₅₀)	MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3739 mL	6.8695 mL	13.7391 mL
5 mM	0.2748 mL	1.3739 mL	2.7478 mL
10 mM	0.1374 mL	0.687 mL	1.3739 mL
50 mM	0.0275 mL	0.1374 mL	0.2748 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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