

BC-05

Chemical Properties

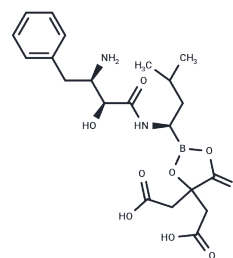
CAS No. : 2260717-73-3

Formula: C₂₁H₂₉BN₂O₉

Molecular Weight: 464.27

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	BC-05, an orally active inhibitor targeting CD13 and the proteasome, displays potent inhibition with IC ₅₀ values of 0.13 μM against human CD13 and 1.39 μM for the 20S proteasome. It is utilized in the research of multiple myeloma [1].
Targets(IC ₅₀)	Others,Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1539 mL	10.7696 mL	21.5392 mL
5 mM	0.4308 mL	2.1539 mL	4.3078 mL
10 mM	0.2154 mL	1.077 mL	2.1539 mL
50 mM	0.0431 mL	0.2154 mL	0.4308 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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