

Ac-DNLD-CHO

Chemical Properties

CAS No. : 775289-20-8

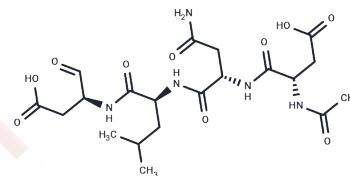
Formula: C₂₀H₃₁N₅O₁₀

Molecular Weight: 501.49

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	Ac-DNLD-CHO (Ac-Asp-Asn-Leu-Asp-CHO) is an inhibitor of Caspase-3/7, with IC ₅₀ values of 9.89 nM and 245 nM, and approximate K _i values of 0.68 nM and 55.7 nM, respectively. This compound is utilized in the study of diseases associated with caspase-mediated apoptosis, including neurodegenerative and viral infection diseases [1].
Targets(IC ₅₀)	Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9941 mL	9.9703 mL	19.9406 mL
5 mM	0.3988 mL	1.9941 mL	3.9881 mL
10 mM	0.1994 mL	0.997 mL	1.9941 mL
50 mM	0.0399 mL	0.1994 mL	0.3988 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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