

Ac-KVPL-CMK

Chemical Properties

CAS No. : 1176290-36-0
Formula: C₂₅H₄₄ClN₅O₅
Molecular Weight: 530.11
Storage: Keep away from moisture
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-KVPL-CMK is a specific inhibitor targeting granzyme M (GrM). It significantly suppresses GrM-mediated tumor cell death and reduces the cytotoxic activity of LAK cells against HeLa cells. Ac-KVPL-CMK is applicable in cancer research.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8864 mL	9.432 mL	18.864 mL
5 mM	0.3773 mL	1.8864 mL	3.7728 mL
10 mM	0.1886 mL	0.9432 mL	1.8864 mL
50 mM	0.0377 mL	0.1886 mL	0.3773 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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