

Ac-FEID-CMK

Chemical Properties

CAS No. :

Formula: C₂₇H₃₇ClN₄O₉

Molecular Weight: 597.06

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-FEID-CMK, a potent peptide inhibitor derived from zebrafish-specific GSDMEb, effectively reduces mortality and kidney injury during septic shock by inhibiting pyroptosis and mitigating acute kidney injury (AKI) in vivo. Additionally, it suppresses the caspy2-mediated noncanonical inflammasome pathway [1].
Targets(IC50)	Pyroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6749 mL	8.3744 mL	16.7487 mL
5 mM	0.335 mL	1.6749 mL	3.3497 mL
10 mM	0.1675 mL	0.8374 mL	1.6749 mL
50 mM	0.0335 mL	0.1675 mL	0.335 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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