

Ac-FEID-CMK TFA

Chemical Properties

CAS No. :

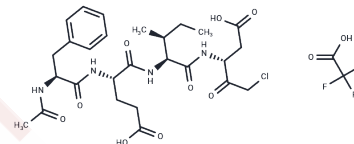
Formula: C₂₉H₃₈ClF₃N₄O₁₁

Molecular Weight: 711.08

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 TFA is a selective zebrafish GSDMEb-derived peptide inhibitor that reduces mortality and renal injury in infectious shock. It inhibits pyroptosis in vivo, attenuates septic AKI (acute kidney injury), and inhibits the caspy2-mediated atypical inflammatory vesicle pathway.
Targets(IC50)	Pyroptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4063 mL	7.0316 mL	14.0631 mL
5 mM	0.2813 mL	1.4063 mL	2.8126 mL
10 mM	0.1406 mL	0.7032 mL	1.4063 mL
50 mM	0.0281 mL	0.1406 mL	0.2813 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.

Reference

Wang Z, et al. Zebrafish GSDMEb Cleavage-Gated Pyroptosis Drives Septic Acute Kidney Injury In Vivo. J Immunol. 2020 Apr 1;204(7):1929-1942.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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