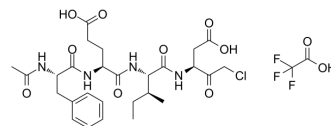


Ac-FEID-CMK TFA

Cat. No.: HY-P3434A
Molecular Formula: C₂₉H₃₈ClF₃N₄O₁₁
Molecular Weight: 711.08
Target: Pyroptosis
Pathway: Apoptosis; Immunology/Inflammation
Storage: -20°C, sealed storage, away from moisture
 * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (35.16 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
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	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Ac-FEID-CMK TFA is a potent zebrafish-specific GSDMEb-derived peptide inhibitor. Ac-FEID-CMK TFA can attenuate the mortality and kidney injury during septic shock. Ac-FEID-CMK TFA inhibits pyroptosis and attenuates septic AKI (acute kidney injury) in vivo. Ac-FEID-CMK TFA can suppress the caspase2-mediated noncanonical inflammasome pathway^[1].

REFERENCES

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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