

Product Data Sheet

Product Name: Ac-FEID-CMK TFA

Cat. No.: GC65107

Chemical Properties

Cas. No.

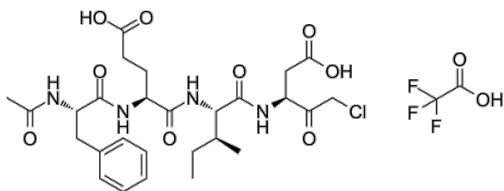
Formula C₂₉H₃₈ClF₃N₄O₁₁ M.Wt 711.08

Solubility DMSO : 25 mg/mL (35.16 mM; Need ultrasonic) Storage -20°C, away from moisture

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



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

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Background

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 caspy2-mediated noncanonical inflammasome pathway[1].

[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.

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