

Ac-DMLD-CMK TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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-DMLD-CMK TFA is a peptide designed to target the caspase3-Gsdme signaling pathway in mice. It specifically inhibits the activation of caspase 3 and Gsdme, preventing the cleavage of Gsdme by caspase 3, thus inhibiting pyroptosis. This action alleviates damage to renal tubular epithelial cells and reduces the secretion of inflammatory cytokines. Ac-DMLD-CMK TFA also helps to lower serum creatinine and blood urea nitrogen levels in mice induced by Cisplatin, mitigating renal function deterioration. It holds potential for studying nephrotoxicity caused by chemotherapeutic agents.
Targets(IC50)	Caspase,Pyroptosis

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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