

Ac-DEVD-CMK TFA

Chemical Properties

CAS No. :

Formula: C₂₃H₃₂ClF₃N₄O₁₃

Molecular Weight: 664.97

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-DEVD-CMK (Caspase-3 Inhibitor III) TFA is a selective, irreversible caspase-3 inhibitor, preventing apoptosis induced by elevated glucose levels or 3,20-dibenzoate (IDB) in various experimental contexts, as supported by references [1] [2] [3].
Targets(IC50)	Apoptosis,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5038 mL	7.5191 mL	15.0383 mL
5 mM	0.3008 mL	1.5038 mL	3.0077 mL
10 mM	0.1504 mL	0.7519 mL	1.5038 mL
50 mM	0.0301 mL	0.1504 mL	0.3008 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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