

Ac-YEVD-AMC

Chemical Properties

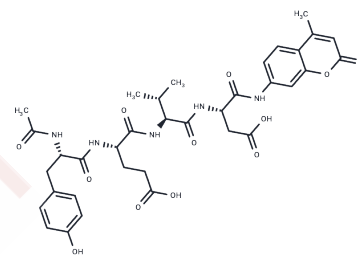
CAS No. : 1631716-11-4

Formula: C₃₅H₄₁N₅O₁₂

Molecular Weight: 723.73

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-YEVD-AMC, a fluorescent substrate of caspase-1/11, releases amino-4-methylcoumarin (AMC) for fluorescence detection when treated with cell lysate [1]. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.3817 mL | 6.9087 mL | 13.8173 mL |
| 5 mM | 0.2763 mL | 1.3817 mL | 2.7635 mL |
| 10 mM | 0.1382 mL | 0.6909 mL | 1.3817 mL |
| 50 mM | 0.0276 mL | 0.1382 mL | 0.2763 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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