

Bz-FVR-AMC

Chemical Properties

CAS No. : 88899-22-3
Formula: C37H43N7O6
Molecular Weight: 681.78
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Bz-FVR-AMC is a fluorogenic substrate utilized for procathepsin, demonstrating a catalytic efficiency (k_{cat}/K_m) of $1070 \text{ mM}^{-1} \text{ s}^{-1}$. Notably, elevated levels of Bz-FVR-AMC can inhibit the substrate [1] [2]. For storage, it is essential to protect this compound from light exposure.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4667 mL	7.3337 mL	14.6675 mL
5 mM	0.2933 mL	1.4667 mL	2.9335 mL
10 mM	0.1467 mL	0.7334 mL	1.4667 mL
50 mM	0.0293 mL	0.1467 mL	0.2933 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.

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