

Z-VAE(OMe)-fmk

Chemical Properties

CAS No. : 1027141-02-1

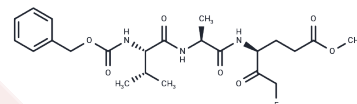
Formula: C₂₃H₃₂FN₃O₇

Molecular Weight: 481.51

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	Z-VAE(OMe)-fmk is a cell-permeable and irreversible UCHL1 inhibitor. The inhibitor approaches the active-site cleft from the opposite side of the crossover loop as compared to the direction of approach of ubiquitin's C-terminal tail, thereby occupying the P1' (leaving group) site, a binding site perhaps used by the unknown C-terminal extension of ubiquitin in the actual in vivo substrate(s) of UCHL1.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0768 mL	10.384 mL	20.768 mL
5 mM	0.4154 mL	2.0768 mL	4.1536 mL
10 mM	0.2077 mL	1.0384 mL	2.0768 mL
50 mM	0.0415 mL	0.2077 mL	0.4154 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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