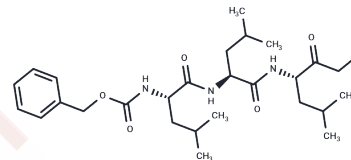


## Z-Leu-Leu-Leu-fluoromethyl ketone

## Chemical Properties

CAS No. :	371167-61-2
Formula:	C <sub>27</sub> H <sub>42</sub> FN <sub>3</sub> O <sub>5</sub>
Molecular Weight:	507.64
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Z-Leu-Leu-Leu-fluoromethyl ketone (Z-LLL-FMK) acts as a cysteine protease inhibitor and has demonstrated efficacy in blocking SARS infection, while also providing protection to mice when challenged with T. crassiceps [1] [2].
Targets(IC50)	Cysteine Protease,SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9699 mL	9.8495 mL	19.699 mL
5 mM	0.394 mL	1.9699 mL	3.9398 mL
10 mM	0.197 mL	0.9849 mL	1.9699 mL
50 mM	0.0394 mL	0.197 mL	0.394 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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