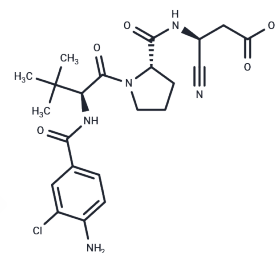


ML132

## Chemical Properties

CAS No. : 1230628-71-3  
 Formula: C<sub>22</sub>H<sub>28</sub>ClN<sub>5</sub>O<sub>5</sub>  
 Molecular Weight: 477.94  
 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	ML132 is an effective and selective inhibitor of caspase 1 (IC <sub>50</sub> : 0.316 nM).
Targets(IC <sub>50</sub> )	Others,Caspase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0923 mL	10.4616 mL	20.9231 mL
5 mM	0.4185 mL	2.0923 mL	4.1846 mL
10 mM	0.2092 mL	1.0462 mL	2.0923 mL
50 mM	0.0418 mL	0.2092 mL	0.4185 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.

## Reference

Boxer MB, et al. A highly potent and selective caspase 1 inhibitor that utilizes a key 3-cyanopropanoic acid moiety. ChemMedChem. 2010 May 3;5(5):730-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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