

(R)-ZG197

## Chemical Properties

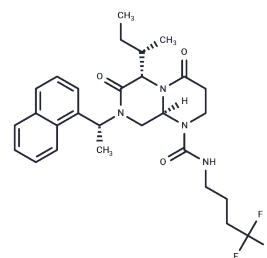
CAS No. :

Formula: C<sub>28</sub>H<sub>35</sub>F<sub>3</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: 532.6

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	(R)-ZG197 is a compound that acts as a highly selective activator for Staphylococcus aureus Caseinolytic protease P (Sa ClpP), exhibiting an effective concentration (EC <sub>50</sub> ) of 1.5 μM. It also activates Homo sapiens ClpP (Hs ClpP) with an EC <sub>50</sub> of 31.4 μM.
Targets(IC <sub>50</sub> )	Others,Antibacterial,Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8776 mL	9.3879 mL	18.7758 mL
5 mM	0.3755 mL	1.8776 mL	3.7552 mL
10 mM	0.1878 mL	0.9388 mL	1.8776 mL
50 mM	0.0376 mL	0.1878 mL	0.3755 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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