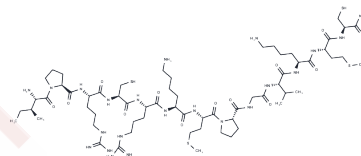


## Proteasome-activating peptide 1

## Chemical Properties

CAS No. :	1565763-62-3
Formula:	C63H116N22O13S4
Molecular Weight:	1518
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	Proteasome-activating peptide 1 enhances chymotrypsin-like proteasomal catalytic activity, boosting proteolytic rates both in vitro and within cultured cells. Additionally, it inhibits protein aggregation in a cellular model of amyotrophic lateral sclerosis [1].
Targets(IC50)	Proteasome

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6588 mL	3.2938 mL	6.5876 mL
5 mM	0.1318 mL	0.6588 mL	1.3175 mL
10 mM	0.0659 mL	0.3294 mL	0.6588 mL
50 mM	0.0132 mL	0.0659 mL	0.1318 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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