

Proteasome-activating peptide 1 TFA

Chemical Properties

CAS No. :

Formula: C65H117F3N22O15S4

Molecular Weight: 1632.02

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 | Proteasome-activating peptide 1 TFA is a potent activator of the proteasome, enhancing chymotrypsin-like proteasomal catalytic activity and increasing proteolytic rates both in vitro and in culture. It also inhibits protein aggregation in cellular models of amyotrophic lateral sclerosis (ALS) [1]. |
| Targets(IC50) | Proteasome |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|-----------|
| 1 mM | 0.6127 mL | 3.0637 mL | 6.1274 mL |
| 5 mM | 0.1225 mL | 0.6127 mL | 1.2255 mL |
| 10 mM | 0.0613 mL | 0.3064 mL | 0.6127 mL |
| 50 mM | 0.0123 mL | 0.0613 mL | 0.1225 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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