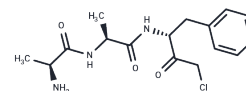


AAF-CMK (trifluoroacetate salt)

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 184901-82-4 |
| Formula: | C ₁₈ H ₂₃ ClF ₃ N ₃ O ₅ |
| Molecular Weight: | 453.84 |
| 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 | Tripeptidyl peptidase II (TPPII) is a serine peptidase of the subtilisin-type which removes tripeptides from the free NH ₂ terminus of oligopeptides. AAF-CMK is an irreversible inhibitor of TPPII commonly used at 10-100 μM. It does not significantly interfere with the chymotrypsin-like activity of the proteasome. AAF-CMK also inhibits bleomycin hydrolase and puromycin-sensitive aminopeptidase when used at 50 μM. |
| Targets(IC50) | Others, Proteasome |

Solubility Information

| | |
|------------|--|
| Solubility | H ₂ O: 10 mg/mL (22.03 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.2034 mL | 11.0171 mL | 22.0342 mL |
| 5 mM | 0.4407 mL | 2.2034 mL | 4.4068 mL |
| 10 mM | 0.2203 mL | 1.1017 mL | 2.2034 mL |
| 50 mM | 0.0441 mL | 0.2203 mL | 0.4407 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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