

A β -IN-1 TFA

Chemical Properties

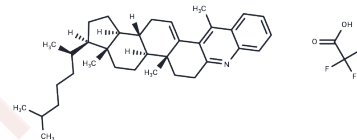
CAS No. :

Formula: C₃₇H₅₀F₃N₂O

Molecular Weight: 597.79

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 | A β -IN-1 TFA inhibits and reverses different types of protein aggregation. |
| Targets(IC50) | Microtubule Associated |
| In vitro | Compound 4a (2766509-32-2) proved capable of inhibiting and reversing different types of protein aggregation.[1] |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.6728 mL | 8.3641 mL | 16.7283 mL |
| 5 mM | 0.3346 mL | 1.6728 mL | 3.3457 mL |
| 10 mM | 0.1673 mL | 0.8364 mL | 1.6728 mL |
| 50 mM | 0.0335 mL | 0.1673 mL | 0.3346 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

Albuquerque H M T, et al. Steroid-quinoline hybrids for disruption and reversion of protein aggregation processes. ACS Medicinal Chemistry Letters. 2022; 13(3): 443-448.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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