

A β -IN-1 TFA

Chemical Properties

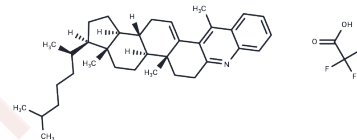
CAS No. :

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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