

PZ703b TFA

Chemical Properties

CAS No. :

Formula: C82H103ClF6N10O13S4

Molecular Weight: 1714.46

Keep away from direct sunlight

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	PZ703b TFA, a Bcl-xl PROTAC degradation agent, promotes apoptosis and halts bladder cancer cell proliferation, making it a pertinent investigative compound for related oncological studies [1] [2].
Targets(IC50)	Bcl-2 Family,PROTACs
In vitro	PZ703b (0-1 μ M, 24 h) TFA synergistically enhances the anti-proliferative effects of Mivebresib against bladder cancer cells in a dose-responsive manner while inducing apoptosis through the mitochondrial pathway [1]. PZ703b (0-1 μ M, 48 h) TFA also potently inhibits MOLT-4 and RS4;11 cell lines, with IC50 values of 15.9 and 11.3 nM, respectively [2]. At 10 nM over 48 hours, PZ703b TFA induces significant and sustained BCL-XL degradation, leading to caspase-3 mediated apoptosis in MOLT-4 cells [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5833 mL	2.9164 mL	5.8327 mL
5 mM	0.1167 mL	0.5833 mL	1.1665 mL
10 mM	0.0583 mL	0.2916 mL	0.5833 mL
50 mM	0.0117 mL	0.0583 mL	0.1167 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481