

Disitertide diammonium

Chemical Properties

CAS No. :

Formula: C68H115N19O22S2

Molecular Weight: 1614.88

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	Disitertide (P144) diammonium, a peptidic transforming growth factor-beta 1 (TGF- β 1) inhibitor, is specifically engineered to prevent its receptor interaction. Additionally, it serves as a PI3K inhibitor and induces apoptosis, as evidenced by references [1] [2] [3] [4] [5].
Targets(IC50)	Apoptosis,PI3K,TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6192 mL	3.0962 mL	6.1924 mL
5 mM	0.1238 mL	0.6192 mL	1.2385 mL
10 mM	0.0619 mL	0.3096 mL	0.6192 mL
50 mM	0.0124 mL	0.0619 mL	0.1238 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