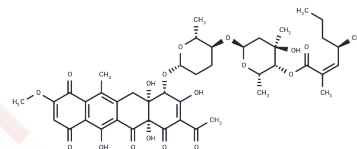


Dutomycin

Chemical Properties

CAS No. :	146663-67-4
Formula:	C44H54O17
Molecular Weight:	854.889
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	Dutomycin is a SERPINB6 inhibitor with a binding constant (KD) of 1.236 μ M. It can induce autophagy and apoptosis in cancer cells and suppresses the growth of cancer cells in zebrafish xenotransplant models. Dutomycin holds potential for cancer research.
Targets(IC50)	Apoptosis, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1697 mL	5.8487 mL	11.6974 mL
5 mM	0.2339 mL	1.1697 mL	2.3395 mL
10 mM	0.117 mL	0.5849 mL	1.1697 mL
50 mM	0.0234 mL	0.117 mL	0.2339 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