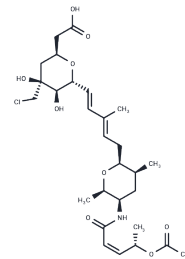


Thailanstatin B

Chemical Properties

CAS No. :	1426953-23-2
Formula:	C ₂₈ H ₄₂ ClNO ₉
Molecular Weight:	572.087
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	Thailanstatin B is a potent pre-mRNA splicing inhibitor [IC ₅₀ =6.18 μM] and exhibits antiproliferative activity.
Targets(IC ₅₀)	DNA/RNA Synthesis
In vitro	Thailanstatin B exhibits potent antiproliferative activity against DU-145, NCI-H232A, MDA-MB-231, and SKOV-3 cells, with GI ₅₀ values ranging from 2.5 to 4.94 nM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.748 mL	8.7399 mL	17.4798 mL
5 mM	0.3496 mL	1.748 mL	3.496 mL
10 mM	0.1748 mL	0.874 mL	1.748 mL
50 mM	0.035 mL	0.1748 mL	0.3496 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481