

LTB

Chemical Properties

CAS No. :

Formula: C₅₃H₅₉Cl₂N₃O₇S₂

Molecular Weight: 985.09

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	LTB is a prodrug formed through the conjugation of the glycolysis inhibitor (Lonidamine) and the PD1/PDL1 blocker (BMS-1) via a thioketal bond. LTB can encapsulate the photosensitizer Chlorin e6 (Ce6), constructing a co-delivery photodynamic nanoplatfform through self-assembly (LTB-6 NPs).
Targets(IC50)	PD-1/PD-L1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0151 mL	5.0757 mL	10.1514 mL
5 mM	0.203 mL	1.0151 mL	2.0303 mL
10 mM	0.1015 mL	0.5076 mL	1.0151 mL
50 mM	0.0203 mL	0.1015 mL	0.203 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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