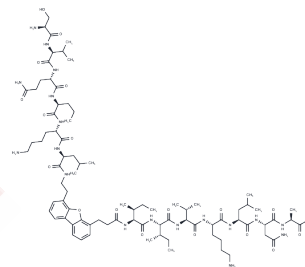


DB21, Galectin-1 Antagonist

Chemical Properties

CAS No. :	1623027-80-4
Formula:	C83H136N18O19
Molecular Weight:	1690.08
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	DB21, Galectin-1 Antagonist, is a peptidomimetic conjugated with dibenzofuran, serving as an allosteric inhibitor of galectin-1 (GAL1) interactions with glycans on cell surfaces. This compound enhances the inhibition of angiogenesis and tumor growth in melanoma, lung adenocarcinoma, and ovarian cancer models [1].
Targets(IC50)	Galectin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5917 mL	2.9584 mL	5.9169 mL
5 mM	0.1183 mL	0.5917 mL	1.1834 mL
10 mM	0.0592 mL	0.2958 mL	0.5917 mL
50 mM	0.0118 mL	0.0592 mL	0.1183 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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