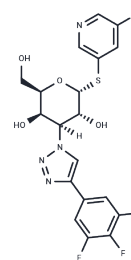


Selvigaltin

Chemical Properties

CAS No. :	1978336-95-6
Formula:	C19H16BrF3N4O4S
Molecular Weight:	533.32
Storage:	Keep away from direct sunlight,Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Selvigaltin (GB1211) is a Gal-3 inhibitor with potential anticancer activity. Selvigaltin is used in the study of cirrhosis and cancer.
Targets(IC50)	Neuropeptide Y Receptor, Galectin

Solubility Information

Solubility	DMSO: 265 mg/mL (496.89 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 1 mg/mL (1.88 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.875 mL	9.3752 mL	18.7505 mL
5 mM	0.375 mL	1.875 mL	3.7501 mL
10 mM	0.1875 mL	0.9375 mL	1.875 mL
50 mM	0.0375 mL	0.1875 mL	0.375 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.

Reference

Slack RJ, et al. The therapeutic potential of galectin-3 inhibition in fibrotic disease. Int J Biochem Cell Biol. 2021 Jan; 130:105881.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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