

Ly-295501

Chemical Properties

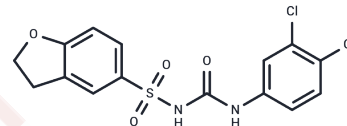
CAS No. : 150869-74-2

Formula: C₁₅H₁₂Cl₂N₂O₄S

Molecular Weight: 387.24

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	Ly-295501 (ILX-295501) showed antitumor and anticancer activity in human pancreatic cancer xenotransplantation model.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 125 mg/mL (322.8 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (25.82 mM), Solution. <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	2.5824 mL	12.9119 mL	25.8238 mL
5 mM	0.5165 mL	2.5824 mL	5.1648 mL
10 mM	0.2582 mL	1.2912 mL	2.5824 mL
50 mM	0.0516 mL	0.2582 mL	0.5165 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

Von Hoff DD. Promising new agents for treatment of patients with colorectal cancer. Semin Oncol. 1998 Oct;25(5 Suppl 11):47-52.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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