

WYC-210

Chemical Properties

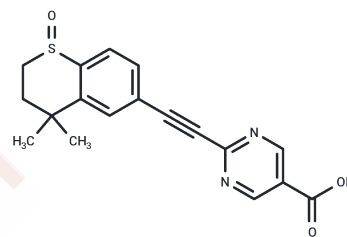
CAS No. : 2131803-93-3

Formula: C₁₈H₁₆N₂O₃S

Molecular Weight: 340.4

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	WYC-210 is a retinoid compound, and with lower anticancer activity
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 25 mg/mL (73.44 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.88 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	2.9377 mL	14.6886 mL	29.3772 mL
5 mM	0.5875 mL	2.9377 mL	5.8754 mL
10 mM	0.2938 mL	1.4689 mL	2.9377 mL
50 mM	0.0588 mL	0.2938 mL	0.5875 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

Cao, Xin, et al. Preparation of the retinoid compound and their application as anticancer agents. WO2017152725A1.

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