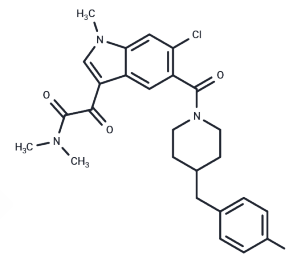


SX 011

Chemical Properties

CAS No. : 309913-42-6
 Formula: C₂₆H₂₇ClFN₃O₃
 Molecular Weight: 483.96
 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	SX 011 is a p38α inhibitor.
Targets(IC50)	Others,JNK,p38 MAPK

Solubility Information

Solubility	DMSO: <48.4 mg/mL,Sonication is recommended. Ethanol: <48.4 mg/mL,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: 1 mg/mL (2.07 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	2.0663 mL	10.3314 mL	20.6629 mL
5 mM	0.4133 mL	2.0663 mL	4.1326 mL
10 mM	0.2066 mL	1.0331 mL	2.0663 mL
50 mM	0.0413 mL	0.2066 mL	0.4133 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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