

Lyn-IN-1

Chemical Properties

CAS No. : 887650-05-7

Formula: C30H31F3N8O

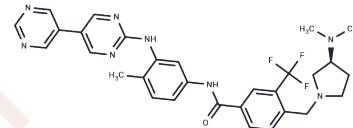
Molecular Weight: 576.62

Keep away from direct sunlight, Store at low temperature

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	Lyn-IN-1 (Bafetinib analog) is a selective, potent dual inhibitor of Bcr-Abl and Lyn.
Targets(IC50)	Bcr-Abl,Src

Solubility Information

Solubility	DMSO: 45 mg/mL (78.04 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 (3.47 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	1.7342 mL	8.6712 mL	17.3424 mL
5 mM	0.3468 mL	1.7342 mL	3.4685 mL
10 mM	0.1734 mL	0.8671 mL	1.7342 mL
50 mM	0.0347 mL	0.1734 mL	0.3468 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

From PCT Int.Appl.(2014), WO2014169128A1

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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