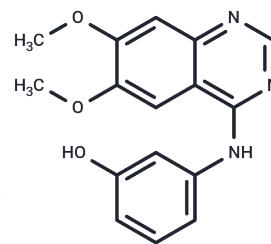


WHI-P180

Chemical Properties

CAS No. : 211555-08-7
 Formula: C₁₆H₁₅N₃O₃
 Molecular Weight: 297.31
 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	WHI-P180 (Janex 3) is a potent inhibitor of EGFR and Cdk2, with IC ₅₀ values of 4.0 μM and 1.0 μM, respectively.
Targets(IC ₅₀)	EGFR,c-RET,CDK,VEGFR

Solubility Information

Solubility	DMSO: 45 mg/mL (151.36 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 (6.73 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	3.3635 mL	16.8175 mL	33.6349 mL
5 mM	0.6727 mL	3.3635 mL	6.727 mL
10 mM	0.3363 mL	1.6817 mL	3.3635 mL
50 mM	0.0673 mL	0.3363 mL	0.6727 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

An R, et al. Pharm Res. 2009 Feb;26(2):449-58.

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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