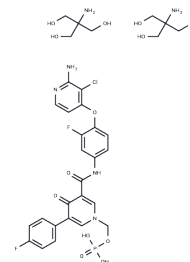


SCR-1481B1

Chemical Properties

CAS No. : 1174161-86-4
 Formula: C32H40ClF2N6O13P
 Molecular Weight: 821.12
 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	SCR-1481B1 (c-Met inhibitor 2) has activity against cancers dependent on Met activation and also has activity against cancers as a VEGFR inhibitor
Targets(IC50)	c-Met/HGFR,VEGFR

Solubility Information

Solubility	DMSO: 275 mg/mL (334.91 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 (12.18 mM),Suspension. <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	1.2178 mL	6.0892 mL	12.1785 mL
5 mM	0.2436 mL	1.2178 mL	2.4357 mL
10 mM	0.1218 mL	0.6089 mL	1.2178 mL
50 mM	0.0244 mL	0.1218 mL	0.2436 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

Robert M. Borzilleri, et al. 4-pyridinone compounds and their use for cancer. WO/2009094417/A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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