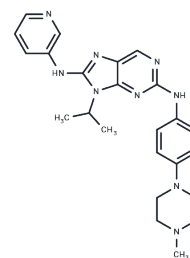


SKLB 1028

Chemical Properties

CAS No. : 1350544-93-2
 Formula: C₂₄H₂₉N₉
 Molecular Weight: 443.55
 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	SKLB 1028 (Ruserontinib) is a new type of oral multikinase inhibitor of EGFR, FLT3, and Abl. SKLB 1028 shows excellent activity in FLT3-driven AML models and considerable potency in CML models containing Abl mutants.
Targets(IC50)	EGFR,FLT,Bcr-Abl

Solubility Information

Solubility	DMSO: 50 mg/mL (112.73 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2545 mL	11.2727 mL	22.5454 mL
5 mM	0.4509 mL	2.2545 mL	4.5091 mL
10 mM	0.2255 mL	1.1273 mL	2.2545 mL
50 mM	0.0451 mL	0.2255 mL	0.4509 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 ZX, et al. SKLB1028, a novel oral multikinase inhibitor of EGFR, FLT3 and Abl, displays exceptional activity in models of FLT3-driven AML and considerable potency in models of CML harboring Abl mutants. *Leukemia*. 2012 Aug;26(8):1892-5.

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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