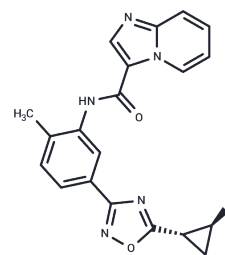


Labuxtinib

Chemical Properties

CAS No. :	1426449-01-5
Formula:	C ₂₀ H ₁₆ N ₅ O ₂
Molecular Weight:	377.37
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	Labutinib is a selective inhibitor of the c-kit tyrosine kinase [1].
Targets(IC50)	EGFR,c-Kit

Solubility Information

Solubility	DMSO: 55 mg/mL (145.75 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6499 mL	13.2496 mL	26.4992 mL
5 mM	0.530 mL	2.6499 mL	5.2998 mL
10 mM	0.265 mL	1.325 mL	2.6499 mL
50 mM	0.053 mL	0.265 mL	0.530 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

Yeh Vince, et al. Imidazopyridine compounds and compositions as c-kit kinase inhibitors and their preparation. World Intellectual Property Organization, WO2013033070 A2013-03-07.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481