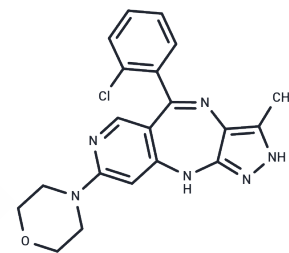


Tinengotinib

Chemical Properties

CAS No. :	2230490-29-4
Formula:	C ₂₀ H ₁₉ ClN ₆ O
Molecular Weight:	394.86
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	Tinengotinib is a multikinase inhibitor targeting a series of kinases involved in cancer cell proliferation, angiogenesis, and regulation of immune response, including Aurora kinase A/B, Janus kinase (JAK1/2), fibroblast growth factor receptor (FGFR1/2/3), vascular endothelial growth factor receptors (VEGFRs), and other tyrosine kinases. Tinengotinib has shown good tolerability and preliminary efficacy in clinical trials in a variety of advanced solid tumors.
Targets(IC50)	FGFR,Aurora Kinase,JAK,Tyrosine Kinases,VEGFR

Solubility Information

Solubility	DMSO: 25 mg/mL (63.31 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	2.5325 mL	12.6627 mL	25.3254 mL
5 mM	0.5065 mL	2.5325 mL	5.0651 mL
10 mM	0.2533 mL	1.2663 mL	2.5325 mL
50 mM	0.0507 mL	0.2533 mL	0.5065 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

Wu, Yongqian, et al. Multi-kinase inhibitor compound, and crystal form and use thereof. Patent WO2018108079A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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