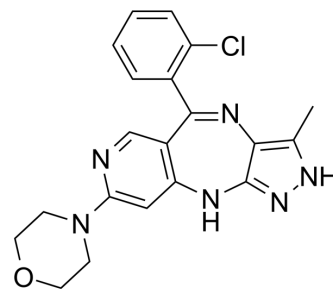


Tinengotinib

Cat. No.:	HY-145601		
CAS No.:	2230490-29-4		
Molecular Formula:	C ₂₀ H ₁₉ ClN ₆ O		
Molecular Weight:	394.86		
Target:	Aurora Kinase; VEGFR		
Pathway:	Cell Cycle/DNA Damage; Epigenetics; Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 25 mg/mL (63.31 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Tinengotinib is the modulator of one or more protein kinases such as Aurora kinase and VEGFR kinase. Tinengotinib has the potential for the research of these kinase abnormalities diseases mediated, especially cancer-related diseases (extracted from patent WO2018108079A1)^[1].

IC₅₀ & Target

Aurora and VEGFR^[1]

REFERENCES

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

Caution: Product has not been fully validated for medical applications. For research use only.

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