

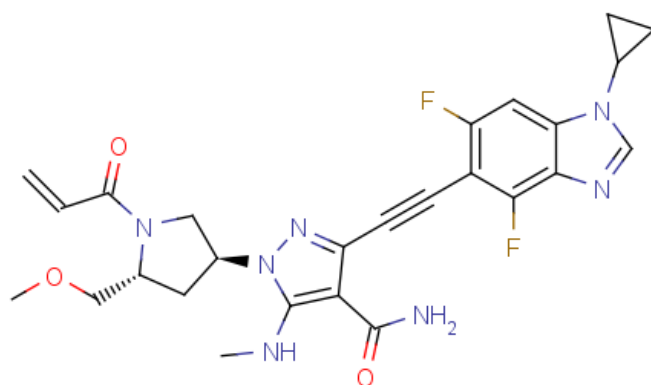
Name: KIN-3248 Cat#: EX-A8248

Target: FGFR

Pathway: Protein Tyrosine Kinase/RTK

Research Area: Cancer

Chemical Structure:



Chemical Name	1-((3S,5R)-1-acryloyl-5-(methoxymethyl)pyrrolidin-3-yl)-3-((1-cyclopropyl-4,6-difluoro-1H-benzo[d]imidazol-5-yl)ethynyl)-5-(methylamino)-1H-pyrazole-4-carboxamide		
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Molecular Weight	523.54	Storage	3 years -20°C powder
Formula	C ₂₆ H ₂₇ F ₂ N ₇ O ₃		6 months -80°C in solvent Away from moisture
CAS No.	2750709-91-0	Synonyms	Resigristatinib

Solubility (25°C) *	In vitro	DMSO	Soluble in DMSO
		Ethanol	N/A
		Water	N/A
	In vivo (should be freshly prepared each time)		

* <1 mg/ml means slightly soluble or insoluble.

* Please note that Selleck tests the solubility of all compounds in-house, and the actual solubility may differ slightly from published values. This is normal and is due to slight

batch-to-batch variations.

Preparing Stock Solutions:

<div> <div>Mass</div> <div>Volume</div> <div>Concentration</div> </div>	1 mg	5 mg	10 mg
1 mM	1.9101 mL	9.5504 mL	19.101 mL
5 mM	0.3820 mL	1.9101 mL	3.8201 mL
10 mM	0.1910 mL	0.9550 mL	1.9101 mL

DMSO : *The above data is based on the product molecular weight 523.54.

Biological Activities:

Description	Resigratinib (KIN-3248) is a FGFR tyrosine kinase inhibitor, with antineoplastic effect ^[1] .
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References	[1]. Franovic, et al. Treatment of cancer with an FGFR kinase inhibitor. World Intellectual Property Organization, WO2023107979 A1 2023-06-15.
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