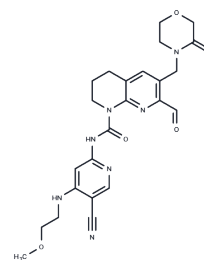


FGFR4-IN-1

Chemical Properties

CAS No. :	1708971-72-5
Formula:	C ₂₄ H ₂₇ N ₇ O ₅
Molecular Weight:	493.52
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	FGFR4-IN-1 is a potent FGFR4 inhibitor (IC ₅₀ : 0.7 nM).
Targets(IC ₅₀)	FGFR
In vitro	FGFR4-IN-1 inhibits the proliferation of hepatocellular carcinoma cells HuH-7 (IC ₅₀ : 7.8 nM).

Solubility Information

Solubility	DMSO: 6 mg/mL (12.16 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	2.0263 mL	10.1313 mL	20.2626 mL
5 mM	0.4053 mL	2.0263 mL	4.0525 mL
10 mM	0.2026 mL	1.0131 mL	2.0263 mL
50 mM	0.0405 mL	0.2026 mL	0.4053 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

Ring-fused bicyclic pyridyl derivatives as fgfr4 inhibitors. WO 2015059668 A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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