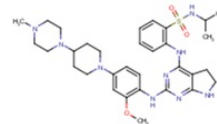


Conteltinib

Chemical Properties

CAS No.:	1384860-29-0
Formula:	C32H45N9O3S
Molecular Weight:	635.82
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	Conteltinib is a multi-kinase inhibitor targeting FAK, Pyk2, and ALK. It has a significant inhibitory effect on FAK (IC50: 1.6 nM).
Targets(IC50)	FAK: 1.6 nM

Solubility Information

Solubility	DMSO: 31.25 mg/mL (49.15 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.573 mL	7.864 mL	15.728 mL
5 mM	0.315 mL	1.573 mL	3.146 mL
10 mM	0.157 mL	0.786 mL	1.573 mL
50 mM	0.031 mL	0.157 mL	0.315 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Wang DD, et al. CT-707, a Novel FAK Inhibitor, Synergizes with Cabozantinib to Suppress Hepatocellular Carcinoma by Blocking Cabozantinib-Induced FAK Activation. Mol Cancer Ther. 2016 Dec;15(12):2916-2925.

Inhibitors · Natural Compounds · Compound Libraries

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