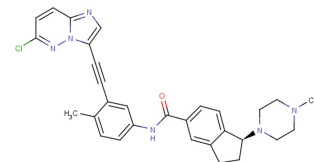


CT-721

Chemical Properties

CAS No.: 1388710-60-8
Formula: C₃₀H₂₉ClN₆O
Molecular Weight: 525.04
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	CT-721 is a potent and time-dependent Bcr-Abl kinase inhibitor with an IC ₅₀ of 21.3 nM against wild-type Bcr-Abl kinase and has anti-chronic myeloid leukemia (CML) activity.
Targets(IC ₅₀)	wild-type Bcr-Abl kinase: 21.3 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.905 mL	9.523 mL	19.046 mL
5 mM	0.381 mL	1.905 mL	3.809 mL
10 mM	0.19 mL	0.952 mL	1.905 mL
50 mM	0.038 mL	0.19 mL	0.381 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. Sun Y, et al. CT-721, a Potent Bcr-Abl Inhibitor, Exhibits Excellent In Vitro and In Vivo Efficacy in the Treatment of Chronic Myeloid Leukemia. J Cancer. 2017 Aug 23;8(14):2774-2784.

Inhibitors · Natural Compounds · Compound Libraries

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