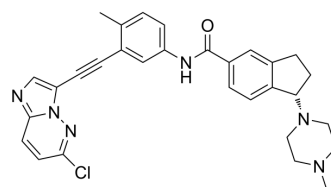


CT-721

Cat. No.:	HY-108704
CAS No.:	1388710-60-8
Molecular Formula:	C ₃₀ H ₂₉ ClN ₆ O
Molecular Weight:	525.04
Target:	Bcr-Abl
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CT-721 is a potent and time-dependent Bcr-Abl kinase inhibitor with an IC ₅₀ of 21.3 nM for wild-type Bcr-Abl kinase, and possesses anti-chronic myeloid leukemia (CML) activities ^[1] . CT-721 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
--------------------	---

IC₅₀ & Target	IC50: 21.3 nM (wild-type Bcr-Abl kinase) ^[1]
-------------------------------------	---

REFERENCES

[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.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA