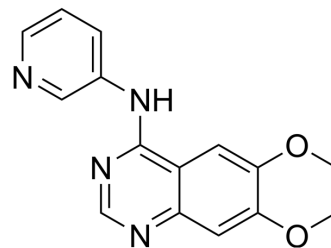


BTK-IN-16

Cat. No.:	HY-151211
CAS No.:	2883232-92-4
Molecular Formula:	C ₁₅ H ₁₄ N ₄ O ₂
Molecular Weight:	282.3
Target:	Btk
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BTK-IN-16 is a dual inhibitor of BTK wild type and C481S mutant of Bruton's tyrosine kinase (BTK) with IC ₅₀ s of 5.1 and 4.1 μM. BTK-IN-16 can be used for the research of autoimmune diseases and chronic lymphocytic leukemia ^[1] .
IC ₅₀ & Target	IC ₅₀ : 5.1 μM (BTK wild type), 4.1 μM (C481S mutant) ^[1]

REFERENCES

[1]. Kim T, et al. Two-Track Virtual Screening Approach to Identify the Dual Inhibitors of Wild Type and C481S Mutant of Bruton's Tyrosine Kinase. J Chem Inf Model. 2022 Aug 24.

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

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