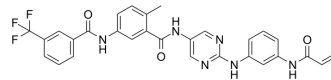


BLK-IN-1

Cat. No.:	HY-144283
CAS No.:	1431727-00-2
Molecular Formula:	C ₂₉ H ₂₃ F ₃ N ₆ O ₃
Molecular Weight:	560.53
Target:	Btk
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	BLK-IN-1 (compound 1) is a selective and covalent inhibitor of B-Lymphoid tyrosine kinase (BLK) and BTK, with IC ₅₀ s of 18.8 nM and 20.5 nM, respectively. BLK-IN-1 can be used for the research of cancer ^[1] .
IC ₅₀ & Target	IC ₅₀ : 18.8 nM (BLK), 20.5 nM (BTK) ^[1]

REFERENCES

[1]. Fu T, et, al. Discovery of selective irreversible inhibitors of B-Lymphoid tyrosine kinase (BLK). Eur J Med Chem. 2022 Feb 5;229:114051.

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

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