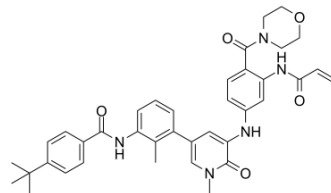


CHMFL-BTK-01

Cat. No.:	HY-101521
CAS No.:	2095280-64-9
Molecular Formula:	C ₃₈ H ₄₁ N ₅ O ₅
Molecular Weight:	647.76
Target:	Btk
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	CHMFL-BTK-01 (compound 9) is a highly selective irreversible BTK inhibitor, with an IC ₅₀ of 7 nM. CHMFL-BTK-01 (compound 9) potently inhibited BTK Y223 auto-phosphorylation ^[1] .
IC ₅₀ & Target	IC ₅₀ : 7 nM (BTK) ^[1] .

REFERENCES

[1]. Liang Q, et al. Discovery of N-(3-(5-((3-acrylamido-4-(morpholine-4-carbonyl)phenyl)amino)-1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-2-methylphenyl)-4-(tert-butyl)benzamide (CHMFL-BTK-01) as a highly selective irreversible Bruton's tyrosine kinase (BTK) inhibitor. *Eur J Med Chem.* 2017 May 5;131:107-125.

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

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