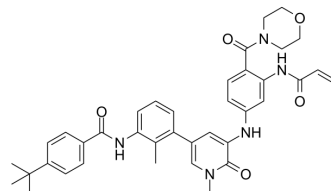


## CHMFL-BTK-01

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



## BIOLOGICAL ACTIVITY

<b>Description</b>	CHMFL-BTK-01 (compound 9) is a highly selective irreversible BTK inhibitor, with an IC <sub>50</sub> of 7 nM. CHMFL-BTK-01 (compound 9) potently inhibited BTK Y223 auto-phosphorylation <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 7 nM (BTK) <sup>[1]</sup> .

## 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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