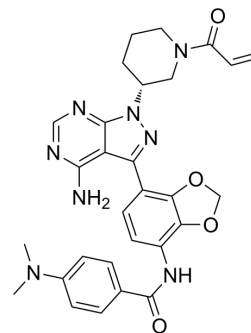


## JAK3/BTK-IN-7

Cat. No.:	HY-163183
CAS No.:	2844387-16-0
Molecular Formula:	C <sub>29</sub> H <sub>30</sub> N <sub>8</sub> O <sub>4</sub>
Molecular Weight:	554.6
Target:	JAK; Btk
Pathway:	Epigenetics; JAK/STAT Signaling; Protein Tyrosine Kinase/RTK; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	JAK3/BTK-IN-7 (XL-12) is a JAK3/BTK inhibitor with IC <sub>50</sub> values of 2 nM and 14 nM, respectively. JAK3/BTK-IN-7 has anti-inflammatory activity and can be used in the study of rheumatoid arthritis <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 2 nM (JAK3) <sup>[1]</sup> . IC <sub>50</sub> : 14 nM (BTK) <sup>[1]</sup> .

### REFERENCES

[1]. Liang T, et al. Discovery of Novel Dual Bruton's Tyrosine Kinase (BTK) and Janus Kinase 3 (JAK3) Inhibitors as A Promising Strategy for Rheumatoid Arthritis[J]. Bioorganic & Medicinal Chemistry, 2023: 117354.

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

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