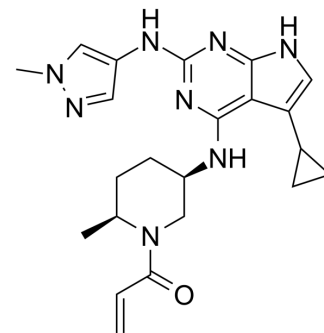


## JAK3/BTK-IN-3

Cat. No.:	HY-143718
CAS No.:	2674036-98-5
Molecular Formula:	C <sub>22</sub> H <sub>28</sub> N <sub>8</sub> O
Molecular Weight:	420.51
Target:	JAK; Btk
Pathway:	Epigenetics; JAK/STAT Signaling; Stem Cell/Wnt; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

JAK3/BTK-IN-3 is a potent inhibitor of JAK3/BTK. BTK and JAK3 are two important targets for autoimmune diseases. Simultaneous inhibition of the BTK/JAK3 signalling pathway exhibits synergistic effects. JAK3/BTK-IN-3 has the potential for the research of JAK3 kinase and/or BTK-related diseases (extracted from patent WO2021147952A1, compound 009)<sup>[1]</sup>

### REFERENCES

[1]. Guobao Zhang, et al. Pyrimidopyrroles. Patent WO2021147952A1.

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

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