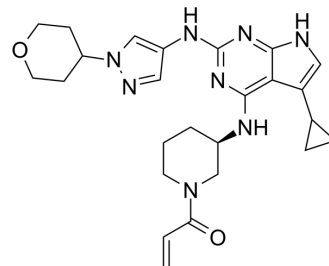


## JAK3/BTK-IN-2

Cat. No.:	HY-143717
CAS No.:	2674036-93-0
Molecular Formula:	C <sub>25</sub> H <sub>32</sub> N <sub>8</sub> O <sub>2</sub>
Molecular Weight:	476.57
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-2 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-2 has the potential for the research of JAK3 kinase and/or BTK-related diseases (extracted from patent WO2021147952A1, compound 004)<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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA