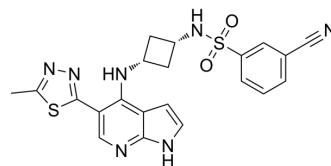


## JAK-IN-31

Cat. No.:	HY-156706
CAS No.:	2597016-88-9
Molecular Formula:	C <sub>21</sub> H <sub>19</sub> N <sub>7</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	465.55
Target:	JAK
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

JAK-IN-31 (Example 75) is a JAK inhibitor with IC<sub>50</sub> ranges of ≤0.01μM, ≤0.01μM, 0.01-0.1 μM and ≤0.01μM for JAK1, JAK2, JAK3 and Tyk2 respectively. JAK-IN-31 can be used in cancer research<sup>[1]</sup>.

## REFERENCES

[1]. David Randolph ANDERSON, et al. Substituted sulfonamide pyrrolopyridines as jak inhibitors. Patent WO2021022178A1.

**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