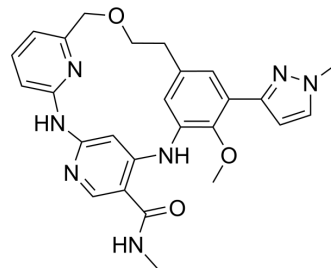


## QL-1200186

Cat. No.:	HY-156466
CAS No.:	2848664-42-4
Molecular Formula:	C <sub>26</sub> H <sub>27</sub> N <sub>7</sub> O <sub>3</sub>
Molecular Weight:	485.54
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

QL-1200186 is an orally active and selective inhibitor of TYK2. Oral administration of QL-1200186, dose-dependently inhibits interferon- $\gamma$  (IFN $\gamma$ ) production after interleukin-12 (IL-12) challenge and significantly ameliorates skin lesions in psoriatic mice [1].

### REFERENCES

[1]. Chen CX, et al. A novel highly selective allosteric inhibitor of tyrosine kinase 2 (TYK2) can block inflammation- and autoimmune-related pathways. *Cell Commun Signal.* 2023;21(1):287. Published 2023 Oct 16.

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

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