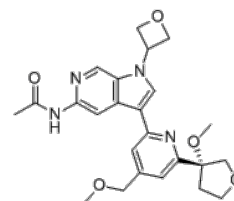


**Product Name** : ABBV-712  
**Cat. No.** : PC-21236  
**CAS No.** : 2368945-27-9  
**Molecular Formula** : C<sub>24</sub>H<sub>28</sub>N<sub>4</sub>O<sub>5</sub>  
**Molecular Weight** : 452.51  
**Target** : JAK  
**Solubility** : 10 mM in DMSO



CAS: 2368945-27-9

### Biological Activity

ABBV-712 is a potent, selective inhibitor of tyrosine kinase 2 (**TYK2**) with EC<sub>50</sub> of 0.01 uM, binds and stabilizes the pseudokinase (JH2) domain of TYK2.

ABBV-712 exhibits desired TYK2 cell potency (EC<sub>50</sub>=0.19 uM) and exquisite selectivity against other JAK family members (>20 uM in cellular assays).

ABBV-712 (100, 300, and 600 mg/kg) dose-dependently inhibited IFN-γ production in IL-12/IL-18-induced IFN-γ mouse model, dose-dependently decreases ear thickness in mouse IL-23 minicircle-induced ear dermatitis model.

### References

Breinlinger E, et al. *J Med Chem*. 2023 Oct 12. doi: 10.1021/acs.jmedchem.3c01373.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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