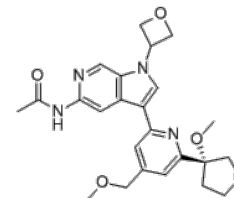


Product Name : ABBV-712
Cat. No. : PC-21236
CAS No. : 2368945-27-9
Molecular Formula : C₂₄H₂₈N₄O₅
Molecular Weight : 452.51
Target : JAK
Solubility : 10 mM in DMSO



CAS: 2368945-27-9

Biological Activity

ABBV-712 is a potent, selective inhibitor of tyrosine kinase 2 (**TYK2**) with EC₅₀ of 0.01 uM, binds and stabilizes the pseudokinase (JH2) domain of TYK2.

ABBV-712 exhibits desired TYK2 cell potency (EC₅₀=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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