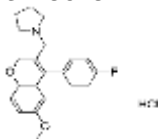


PRODUCT: AX-024 hydrochloride**RELATED PRODUCTS:**TCR beta Antibody (**5651**)TCR alpha Antibody (**5648**)**ALTERNATE NAMES:** 1-((4-(4-Fluorophenyl)-6-methoxy-2H-chromen-3-yl)methyl)pyrrolidine hydrochloride; AX024**CATALOG NUMBER:** B2013-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₁H₂₂FNO₂.HCl**MOLECULAR WEIGHT:** 375.86**CAS NUMBER:** 1704801-24-0**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** AX-024 is a T cell receptor (TCR) inhibitor. An orally available inhibitor of the TCR-Nck interaction that selectively inhibits TCR-triggered T cell activation (IC₅₀ = 1 nM). By modulating TCR signaling, the inhibitor prevents the development of psoriasis and asthma. Additionally, it exerts a long-lasting therapeutic effect in a model of autoimmune encephalomyelitis.**REFERENCES:** Borroto, A., *et al.* (2016). *Sci. Transl. Med.* **8**, 370ra184**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**