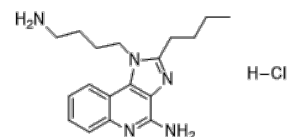


**Product Name** : AXC-715 hydrochloride  
**Cat. No.** : PC-26696  
**CAS No.** : 2490497-93-1  
**Molecular Formula** : C<sub>18</sub>H<sub>26</sub>ClN<sub>5</sub>  
**Molecular Weight** : 347.89  
**Target** : Toll-like Receptor (TLR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

AXC-715 (T785) hydrochloride is a small-molecule TLR7 agonist, elicits broad-spectrum antiviral effects, stabilizes TLR7 receptor dimerization to inhibit viral replication.

AXC-715 exhibits direct binding affinity to TLR7 protein, promotes and stabilizes TLR7 dimer formation.

AXC-715 activates NF-κB signaling via a p65-dependent mechanism.

AXC-715 inhibits pseudorabies virus (PRV) and vesicular stomatitis virus (VSV) replication in vitro.

AXC-715 suppresses viral replication in a strictly TLR7-dependent manner, specifically impairing viral replication, distinct from adsorption, entry, assembly, or release processes.

## References

Patent WO2020168017A1.

Chen Yao, et al. Microorganisms. 2026 Apr 11;14(4):862.

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

E-mail: tech@probechem.com