**TD-0212**

**Cat. No.:** HY-114412  
**CAS No.:** 1073549-10-6  
**Molecular Formula:** C₂₈H₃₄FN₃O₄S  
**Molecular Weight:** 527.65  
**Target:** Angiotensin Receptor; Neprilysin  
**Pathway:** GPCR/G Protein; Metabolic Enzyme/Protease  
**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

**Description**  
TD-0212 (compound 35) is an orally active dual pharmacology angiotensin II type 1 receptor (AT₁) antagonist and neprilysin (NEP) inhibitor, with a pKᵢ of 8.9 for AT₁ and a pIC₅₀ of 9.2 for NEP.[1]

**IC₅₀ & Target**  
pKi: 8.9 (AT₁)  
pIC₅₀: 9.2 (NEP)[1].

**In Vitro**  
TD-0212 (compound 35) provides the enhanced activity of dual AT₁/NEP inhibition with a potentially lower risk of angioedema relative to dual ACE/NEP inhibition[1].  
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

**In Vivo**  
TD-0212 (compound 35) produces blood pressure reductions similar to omapatrilat and combinations of AT₁ receptor antagonists and NEP inhibitors in models of renin-dependent and –independent hypertension[1].  
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES


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

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