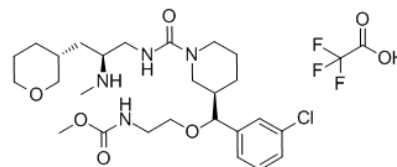


**Product Name** : VTP-27999 2,2,2-trifluoroacetate  
**Cat. No.** : PC-45865  
**CAS No.** : 1013937-63-7  
**Molecular Formula** : C<sub>28</sub>H<sub>42</sub>ClF<sub>3</sub>N<sub>4</sub>O<sub>7</sub>  
**Molecular Weight** : 639.1039  
**Target** : Renin  
**Solubility** : 10 mM in DMSO



## Biological Activity

A potent, highly selective renin inhibitor with IC<sub>50</sub> of 0.47 nM; displays >1000-fold selectivity for renin over a panel of >150 receptors, ion channels, and enzymes, and has an IC<sub>50</sub> value >30 uM against CYP3A4; demonstrates >15% oral bioavailability in three species, oral efficacy in a double transgenic rat model of hypertension, and good exposure in humans.

Hypertension  
Phase 1 Clinical

## References

Jia L, et al. ACS Med Chem Lett. 2011 Aug 9;2(10):747-51.

Krop M, et al. Hypertension. 2013 May;61(5):1075-82.

Balcarek J, et al. Hypertension. 2014 May;63(5):942-50.

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

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