

# PNU-103017

## Catalog No: tcsc0014977

Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Specifications

#### CAS No:

166335-18-8

#### Formula:

 $C_{28}H_{28}N_2O_5S$ 

**Pathway:** Metabolic Enzyme/Protease;Anti-infection

#### **Target:**

HIV Protease;HIV

Purity / Grade:

## Solubility:

10 mM in DMSO

#### **Observed Molecular Weight:**

504.6

### **Product Description**

PNU-103017 is an **HIV protease** inhibitor.

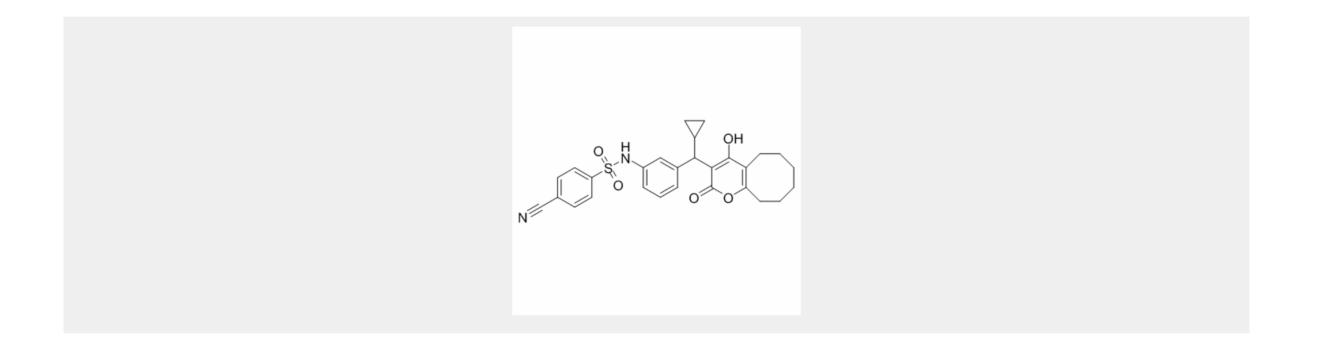
IC50 & Target: HIV protease<sup>[1]</sup>

In Vivo:

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PNU-103017 is a selective HIV aspartyl protease inhibitor under evaluation as a potential oral treatment of Acquired Immunodeficiency Diseases. PNU-103017 is a racemic mixture of two enantiomers, designated PNU-103264 (R-) and PNU-103265 (S-). The  $C_{max}$  (P $\leq$ 0.0349),  $C_{min}$  (P $\leq$ 0.0168), and  $C_{av}$  (P $\leq$ 0.0118) are significantly higher for the (R)- than the (S)-enantiomer, showing enantioselective pharmacokinetics of PNU-103017 in the dog<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!

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