

# 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:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

504.6

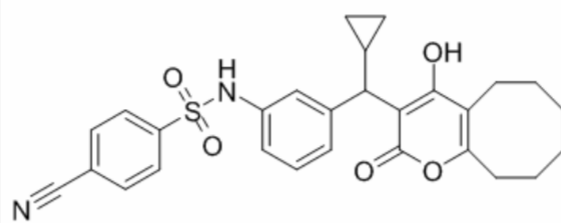
## Product Description

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

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

**In Vivo:**

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!