

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

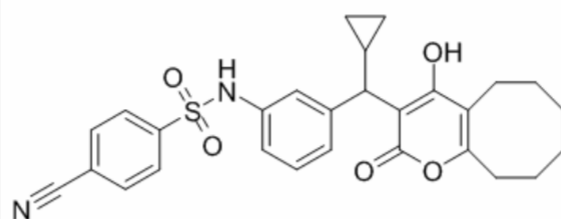
Product Description

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

IC50 & Target: HIV protease^[1]

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^[1].



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