

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.

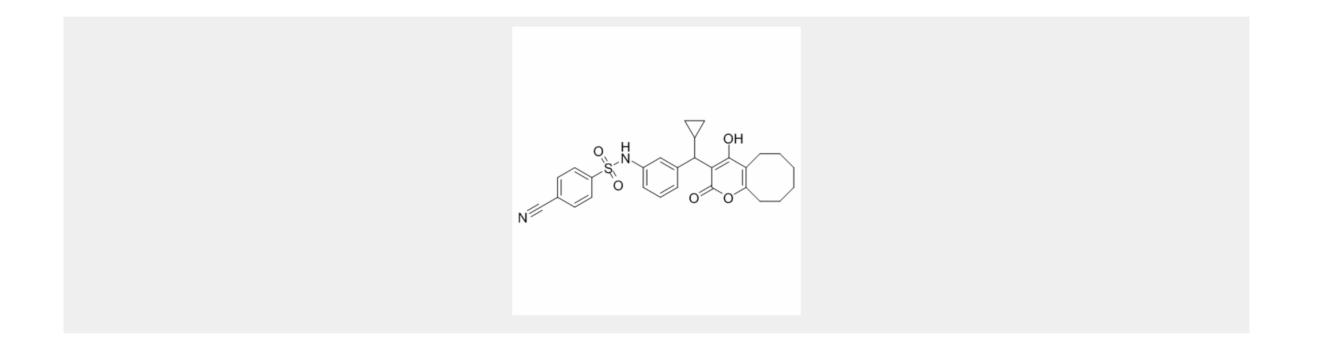
IC50 & Target: HIV protease^[1]

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^[1].



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