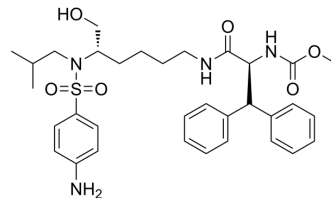


PL-100

Cat. No.:	HY-107468
CAS No.:	612547-11-2
Molecular Formula:	C ₃₃ H ₄₄ N ₄ O ₆ S
Molecular Weight:	624.79
Target:	HIV Protease
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PL-100 is a potent HIV-1 protease inhibitor with a K_i of 36 pM and an EC_{50} of 16 nM. PL-100 inhibits viral replication by suppressing HIV-1 protease activity and demonstrates excellent antiviral efficacy against drug-resistant HIV strains. PL-100 can be used in research on drug-resistant HIV disease^[1].

REFERENCES

[1]. Dandache S, et al. In vitro antiviral activity and cross-resistance profile of PL-100, a novel protease inhibitor of human immunodeficiency virus type 1. *Antimicrob Agents Chemother.* 2007 Nov;51(11):4036-43.

Caution: Product has not been fully validated for medical applications. For research use only.

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