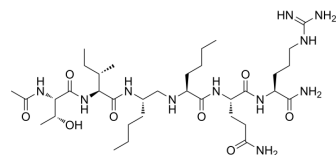


Mvt-101

Cat. No.:	HY-P2054
CAS No.:	125552-93-4
Molecular Formula:	C ₃₅ H ₆₇ N ₁₁ O ₈
Molecular Weight:	769.98
Sequence:	Ac-Thr-Ile-{Nle}-{ψ(CH ₂ -NH)}-{Nle}-Orn-Arg-NH ₂
Sequence Shortening:	Ac-TI-{Nle}-{ψ(CH ₂ -NH)}-{Nle}-QR-NH ₂
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

Mvt-101 is a hexapeptide-based inhibitor of HIV-1 protease. Mvt-101 is also reduced-peptide-bond inhibitor. Mvt-101 inhibits reproduction of the HIV virus by blocking protease action^[1].

REFERENCES

[1]. Torbeev VY, et al. Protein conformational dynamics in the mechanism of HIV-1 protease catalysis. Proc Natl Acad Sci USA. 2011 Dec 27;108(52):20982-7.

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

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