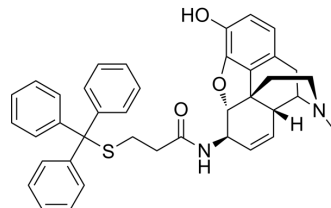


MorHap

Cat. No.:	HY-157172
Molecular Formula:	C ₃₉ H ₃₈ N ₂ O ₃ S
Molecular Weight:	614.8
Target:	Integrin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

MorHap is a heroin hapten. MorHap conjugated to tetanus toxoid (TT), palm-CV2, and to monophosphoryl lipid A (MPLA)-containing liposomes partially blocks heroin-induced analgesia and hyperlocomotion in mice. MorHap designed conjugates also significantly inhibits HIV-1 binding to $\alpha 4\beta 7$ receptors. MorHap can be used in research to develop vaccines related to heroin addiction and HIV-1 infection^[1].

REFERENCES

[1]. Torres OB, et al. Heroin-HIV-1 (H2) vaccine: induction of dual immunologic effects with a heroin hapten-conjugate and an HIV-1 envelope V2 peptide with liposomal lipid A as an adjuvant. NPJ Vaccines. 2017 May 2;2:13.

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

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