

MorHap

Chemical Properties

CAS No. :

Formula: C39H38N2O3S

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	MorHap is a hapten derived from heroin. When conjugated with tetanus toxoid (TT), palm-CV2, and liposomes containing monophosphoryl lipid A (MPLA), it can partially block heroin-induced analgesia and hyperlocomotion in mice. Additionally, MorHap-based conjugates significantly inhibit the binding of HIV-1 to the $\alpha 4\beta 7$ receptor. It is utilized in the research and development of vaccines related to heroin addiction and HIV-1 infection.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481