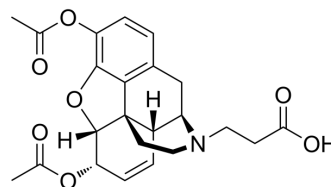


Heroin-CH2-acid

Cat. No.:	HY-161008
Molecular Formula:	C ₂₃ H ₂₅ NO ₇
Molecular Weight:	427.45
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Heroin-CH2-acid a hapten that can be coupled with bovine serum albumin (BSA). Heroin-CH2-acid vaccine elicited both greater quantities as well as equivalent or higher affinity antibodies towards heroin and 6-AM. Heroin-CH2-acid plays an important role in opioid use disorder^[1].

REFERENCES

[1]. Tyson F Belz, et al. Enhancement of a Heroin Vaccine through Hapten Deuteration. J Am Chem Soc. 2020 Aug 5;142(31):13294-13298.

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

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