

Product: Antide Acetate
Catalog #: 12-4237
Amount: 500 µg

DESCRIPTION: Antide acetate is an LHRH antagonist and represses LH and FSH release from the pituitary gland. Antide has a molecular formula of $C_{82}H_{108}ClN_{17}O_{14}$, a.a. sequence of: Ac-D-2-Nal-4-chloro-D-Phe-b-(3-pyridyl)-D-Ala-Ser-Lys(nicotinoyl)-D-Lys(nicotinoyl)-Leu-Lys(isopropyl)-Pro-D-Ala-NH₂ and having a Mw of 1591.32.

SOURCE: Synthetic peptide

PURITY: > 98%, as determined by:
(a) Analysis by RP-HPLC
(b) Mass Spectral Analysis {MALDI-TOF exhibits correct Mw}

ENDOTOXIN: < 0.1 ng/µg (IEU/µg) of Antide

DIMERS & AGGREGATES: < 1% as determined by silver stained SDS-PAGE gel analysis

PROTEIN CONTENT: Protein quantitation was carried out by 2 independent methods:
- UV spectroscopy at 280 nm
- Analysis by RP-HPLC, using a standard solution of Antide as a Reference Standard

FORM: Purified, in 0.1 % BSA

STORAGE: -20°C (aliquot), avoid freezing and thawing cycles

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