

Product Data Sheet

Cat # RP-1478

Antide

Size: 1 mg

Source: 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 Dalton. The protein (1 mg/ml) was lyophilized with no additives.

Usage:

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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Applications and Suggested Dilutions: It is recommended to reconstitute the lyophilized Antide in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions. Greater than 99.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE. Users must optimize the appropriate concentration and conditions for each assay.

Storage and Stability: Lyophilized Antide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Antide should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please prevent freeze-thaw cycles.** If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

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