

## Antide Acetate

**Item Number** rAP-2557

**Synonyms**

**Description** Antide acetate (Ac-AA10-NH<sub>2</sub>) is an LHRH antagonist and represses LH and FSH release from the pituitary gland. Antide Mw is 1591.32 Dalton.

**Uniprot Accession Number**

**Amino Acid Sequence** Antide has a molecular formula of C<sub>82</sub>H<sub>108</sub>N<sub>17</sub>O<sub>14</sub> Cl<sub>1</sub>, a.a. sequence of Ac-D-2-Nal-D-Phe(4-CL)-3-D-Pal-Ser-Lys(nicotinoyl)-D-Lys(nicotinoyl)-Leu-Lys(Isopropyl)-Pro-D-Ala-NH<sub>2</sub>.

**Source**

**Physical Appearance and Stability** Sterile Filtered White lyophilized (freeze-dried) powder. 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.

**Formulation and Purity** The Antide peptide was lyophilized with no additives. Greater than 94.0% as determined by RP-HPLC.

**Application**

**Solubility** It is recommended to reconstitute the lyophilized Antide in sterile water + acetonitrile not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

**Biological Activity**

**Shipping Format and Condition** Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**