



LKT Laboratories, Inc.

Antide Acetate

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Product Information

Product ID A5477

CAS No. 112568-12-4

Chemical Name

Synonym

Formula $C_{82}H_{108}ClN_{17}O_{14}$

Formula Wt. 1591.32

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water.

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Antide is a neuromodulatory and cognition enhancing gonadotropin-releasing hormone (GnRH) antagonist that is used to decrease leutinizing hormone (LH) levels. Antide decreases primordial follicle numbers in vivo. In other animal models, antide enhances spatial memory.

Ac-D-2-Nal-p-Chloro-D-Phe- ϵ]-
(3-pyridyl)-D-Ala-Ser-Lys (nicot
inoyl)-D-Lys(nicotinoyl)-Leu-Lys
(isopropyl)-Pro-D-Ala-NH₂

Bulk quantities available upon request

Product ID	Size
A5477	0.5 mg
A5477	1 mg
A5477	2.5 mg

References Attaman J, Arbogast LK, Friedman CI, et al. Effect of gonadotropin-releasing hormone antagonist on primordial follicle survival in the primate ovary. J Reprod Med. 2014 Mar-Apr;59(3-4):103-9. PMID: 24724216.

Ziegler SG, Thornton JE. Low luteinizing hormone enhances spatial memory and has protective effects on memory loss in rats. Horm Behav. 2010 Nov;58(5):705-13. PMID: 20691694.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.