



LKT Laboratories, Inc.

Megestrol Acetate

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Product Information

Product ID M1626

CAS No. 595-33-5

Chemical Name 17-Hydroxy-6-methylpregna-4,6-diene-3,20-dione acetate

Synonym Maygace, Megace, Megestil, Nia, Niagestin, Ovaban

Formula C₂₄H₃₂O₄

Formula Wt. 384.51

Melting Point 215-220°C

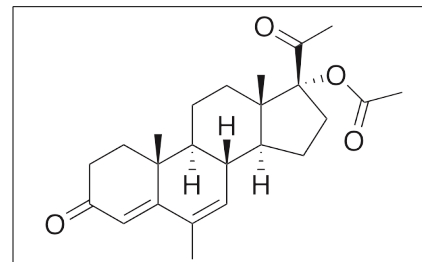
Purity ≥98%

Solubility Insoluble in water. Soluble in DMSO (33 mg/mL), ethanol (15 mg/mL).

Store Temp Ambient

Ship Temp Ambient

Description Megestrol is a synthetic progestogen that exhibits orexigenic and anticancer chemotherapeutic activities. Megestrol is clinically used in the treatment of cachexia-anorexia to stimulate appetite and increase weight gain. In hepatocellular carcinoma models, megestrol induces G1 phase cell cycle arrest and apoptosis and decreases tumor volume.



Bulk quantities available upon request

Product ID	Size
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M1626	250 mg
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M1626	1 g
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M1626	5 g
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References Yeh SS, Lovitt S, Schuster MW. Usage of megestrol acetate in the treatment of anorexia-cachexia syndrome in the elderly. J Nutr Health Aging. 2009 May;13(5):448-54. PMID: 19390752.

Femia RA, Goyette RE. The science of megestrol acetate delivery: potential to improve outcomes in cachexia. BioDrugs. 2005;19(3):179-87. PMID: 15984902.

Zhang K, Chow PK. The effect of megestrol acetate on growth of HepG2 cells in vitro and in vivo. Clin Cancer Res. 2004 Aug 1;10(15):5226-32. PMID: 15297426.

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