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Product Information

Goserelin Acetate

Product Number **G 4919**

Store at -20 °C

Cas # 145781-92-6

Chemical Name: [D-Ser(tBu)⁶azagly¹⁰]-LHRH, Pyr-His-Trp-Ser-Tyr-D-Ser(tBu)-Leu-Arg-Pro-Azagly-NH₂

Product Description

Molecular Formula: C₅₉H₈₄N₁₈O₁₄

Molecular Weight: 1269.4

Goserelin Acetate is a synthetic peptide of LHRH (leutinizing hormone releasing hormone) and an agonist to the pituitary hormone releasing action of LHRH. It is used in prostate cancer and breast cancer therapies and also in the treatment of endometriosis.

Storage/Stability

The product ships on dry ice. Upon receipt, it should be stored at -20 °C.

References

1. Well, A., et al., Luteinizing hormone-releasing hormone agonist limits DU-145 prostate cancer growth by attenuating epidermal growth factor receptor signaling. Clin. Cancer Res., **8**, 1251-1257 (2002).
2. Cook, T., and Sheridan, W.P., Development of GnRH antagonists for prostate cancer: new approaches to treatment. Oncologist, **5**, 162-168 (2000).
3. Spicer, D.V., and Pike, M.C., Future possibilities in the prevention of breast cancer: luteinizing hormone-releasing hormone agonists. Breast Cancer Res., **2**, 264-267 (2000).

KAA 03/04

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