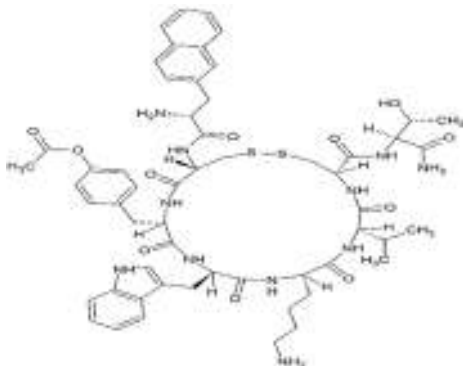


# Lanreotide acetate

**ALTERNATE NAME:** BIM-23014C  
Angiopeptin acetate  
10-(4-aminobutyl)-N-(1-amino-3-hydroxy-1-oxobutan-2-yl)-19-[(2-amino-3-naphthalen-2-yl)propanoyl]amino]-16-[(4-hydroxyphenyl)methyl]-13-(1H-indol-3-ylmethyl)-6,9,12,15,18-pentaoxo-7-propan-2-yl-1,2-dithia-5,8,11,14,17-pentazacycloicosane-4-carboxamide

**CATALOG #:** B2464-5 5 mg  
B2464-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:**  $C_{54}H_{69}N_{11}O_{10}S_2 \cdot xC_2H_4O_2$

**MOLECULAR WEIGHT:** 1096.32 (free base)

**CAS NUMBER:** 127984-74-1

**APPEARANCE:** White to off-white solid

**PURITY:**  $\geq 98\%$

**STORAGE:** Store at  $-20^{\circ}C$ .

**SOLUBILITY:** DMSO

**DESCRIPTION:** Lanreotide is a synthetic polypeptide analogue of somatostatin that resembles the native hormone in its ability to suppress levels and activity of growth hormone, insulin, glucagon and many other gastrointestinal peptides. Due to its half-life being longer than somatostatin, lanreotide can be used clinically to treat neuroendocrine tumors that secrete excessive amounts of growth hormone (acromegaly) or other active hormones or neuropeptides.

**REFERENCES:** Shimon, I., et al. (1997). J. Clin. Invest. 100(9), 2386-2392

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Human Thyroid Stimulating Hormone (TSH) (P1031)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***