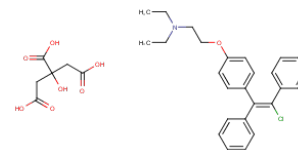


Catalog Number: CM17407

产品信息

Catalog Number:
CM17407CAS号:
7599-79-3分子式:
 $C_{32}H_{36}ClNO_8$ 主要靶点:
Estrogen Receptor/ERR主要通路:
内分泌与激素分子量:
598.08溶解度:
DMSO:50 mg/mL (83.6 mM)

体内活性

total testosterone (TT) levels increased between baseline and after 16 weeks of treatment in all the treatment groups. FSH and LH levels increased in the enclomiphene citrate groups and decreased in the testosterone gel group at 16 weeks. Enclomiphene citrate maintained sperm concentration in the normal range over the treatment period, while there was a marked reduction in spermatogenesis in the testosterone gel group[1].

动物实验

Two parallel randomised, double-blind, double-dummy, placebo-controlled, multicentre, phase III studies were undertaken to evaluate two doses of enclomiphene citrate vs testosterone gel on total testosterone (TT), LH, FSH, and sperm counts in overweight men aged 18-60 years with secondary hypogonadism. Men were screened and enrolled in the trials (ZA-304 and ZA-305). All enrolled men had early morning serum TT levels in the low or low normal range (≤ 300 ng/dL; ≤ 10.4 nmol/L) and had low or normal LH (< 9.4 IU/L) levels measured on two separate occasions 2-10 days apart. Serum samples were obtained over the course of the study to determine relevant hormone levels at baseline and after 16 weeks of treatment. Men provided semen samples twice to enroll at the beginning and twice at the end of the study[1].

描述

Enclomiphene citrate is a non-steroidal estrogen receptor antagonist, with antioestrogenic property

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year