Claims

1. Use of an effective amount of a composition consisting essentially of trans-clomiphene or a salt thereof in the manufacture of a medicament for treating diabetes mellitus type 2 in a human male.

2. Use according to claim 1, wherein the subject has a fasting blood glucose level above 140 mg/dl.

3. Use according to claim 1 or claim 2, wherein the male is a male with secondary hypogonadism.

4. Use according to any preceding claim, wherein the dosage of trans-clomiphene is from about 12.5 to about 50 mg.

5. Use according to claim 4, wherein the dosage is 12.5, 25 or 50 mg.

6. Use according to any preceding claim, wherein the medicament is to be administered as part of a combined treatment regimen further comprising the administration of insulin.

7. Use according to claim 6, wherein the medicament and insulin are administered separately.

8. Use according to claim 3, wherein the male has a body mass index of greater than 26.

Claim

1. Use of a composition comprising 0% to about 29% w/w of *cis*-clomiphene and about 100% to about 71% *trans*-clomiphene or salts or analogs thereof in the preparation of a medicament for the treatment of diabetes mellitus type 2 in a human male with secondary hypogonadism.