BACKGROUND

Testosterone is a steroid hormone from the androgen group that is primarily secreted by the testes but is also secreted in small quantities in the ovaries, cortices of the adrenal glans and placenta, usually from cholesterol. It is the principal male sex hormone that is necessary in the fetus for the development of male external genitalia. Testosterone stimulates protein synthesis and accounts for the greater muscular development of the male. It is also responsible for the development of male secondary sex characteristics, such as facial hair and voice depth. In both males and females, Testosterone plays key roles in health and well-being. Several man-made derivatives of Testosterone are used to treat advanced disseminated breast cancer in women, especially when it has spread to the bones.

REFERENCES


SOURCE

Testosterone (XM209) is a mouse monoclonal antibody raised against purified testosterone conjugated to BSA.