Accepted Manuscript

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PII: S0039-128X(18)30121-1

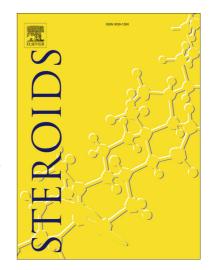
DOI: https://doi.org/10.1016/j.steroids.2018.06.011

Reference: STE 8282

To appear in: Steroids

Received Date: 12 February 2018

Revised Date: 5 June 2018 Accepted Date: 8 June 2018



Please cite this article as: Zolottsev, V.A., Ponomarev, G.V., Taratynova, M.O., Morozevich, G.E., Novikov, R.A., Timofeev, V.P., Solyev, P.N., Zavialova, M.G., Zazulina, O.V., Tkachev, Y.V., Misharin, A.Y., Conjugates of 17-substituted testosterone and epitestosterone with pyropheophorbide a differing in the length of linkers, *Steroids* (2018), doi: https://doi.org/10.1016/j.steroids.2018.06.011

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CONJUGATES OF 17-SUBSTITUTED TESTOSTERONE AND EPITESTOSTERONE WITH PYROPHEOPHORBIDE a DIFFERING IN THE LENGTH OF LINKERS.

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Keywords:

steroid conjugates; chemical synthesis; tetrapyrrolic macrocycles; molecular models; interaction with prostate carcinoma cells; structure-activity relationships.

Highlights:

- Testosterone and epitestosterone chemically conjugated with pyropheophorbide a
- Spectral properties and molecular models of conjugates are presented
- Epitestosterone conjugates inhibit LNCaP and PC-3 cells growth stronger
- Conformationally rigid conjugates possess stronger anti-proliferative activity

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