

## Accepted Manuscript

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Etomidate inhibited DOC, deoxycortisol, A4 and T conversion in H295R cells

CYP11B1 11 $\beta$ -hydroxylates A4 and T; CYP11B2 11 $\beta$ -hydroxylates T

11 $\beta$ HSD1 converts 11KA4 and 11KT; 11 $\beta$ HSD2 converts 11OHA4 and 11OHT

Steroid 5 $\alpha$ -reductase type 1 and 2 convert 11OHA4 to 11 $\beta$ -OH-5 $\alpha$ -androstanedione

In LNCaP cells 11OHA4 is metabolised to 11 $\beta$ -OH-5 $\alpha$ -androstanedione, 11KA4 and 11KT

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