

Regulation of activities of steroid hormone receptors by tibolone and its primary metabolites.

Aurélie Escande, Nadège Servant, Fanja Rabenoelina, Gilles Auzou, Helenius Kloosterboer, Vincent Cavailès, Patrick Balaguer, Thierry Maudelonde

► **To cite this version:**

Aurélie Escande, Nadège Servant, Fanja Rabenoelina, Gilles Auzou, Helenius Kloosterboer, et al.. Regulation of activities of steroid hormone receptors by tibolone and its primary metabolites.. Journal of Steroid Biochemistry and Molecular Biology, Elsevier, 2009, 116 (1-2), pp.8-14. 10.1016/j.jsbmb.2009.03.008 . inserm-00396319

HAL Id: inserm-00396319

<https://www.hal.inserm.fr/inserm-00396319>

Submitted on 17 Jun 2009

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Table 1 :

Compounds \ Receptors	tibolone	Δ^4 -tibolone	3 α -OH-tibolone	3 β -OH-tibolone
ER α	+	+	++	++
ER β	+	+	++	++
AR	+	+	-	-
PR	+	+	-	-
GR	-	-	-	-
MR	-	-	-	-

Different activities of tibolone and its metabolites on estrogen androgen progesterone glucocorticoid and mineralocorticoid receptors.