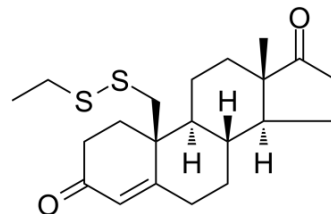


## Org30958

Cat. No.:	HY-U00176
CAS No.:	99957-90-1
Molecular Formula:	C <sub>21</sub> H <sub>30</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	378.59
Target:	Aromatase
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Org30958 is a potent aromatase inhibitor in vivo.
IC <sub>50</sub> & Target	Aromatase <sup>[1]</sup>
In Vivo	<p>Besides inhibition of cornification of vaginal epithelium Org30958 (ORG 30958) decreases ovarian aromatase and plasma E2 levels in DHEAS-treated hypophysectomized rats. Plasma estradiol levels are also lowered by Org30958 in dogs which are treated with pregnant mare serum gonadotrophin in order to induce pro-estrus. Org30958 displays much less than 1/400th of the androgenic activity of testosterone propionate in immature castrated rats and appears to be devoid of estrogenic and anti-estrogenic activity in ovariectomized mature rats. A twice daily dose of 1.5 mg Org30958/kg postpones ovulation in mature female rats<sup>[1]</sup>.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

### REFERENCES

[1]. Geelen JA, et al. Selection of 19-(ethylthio)-androst-4-ene-3,17-dione (ORG 30958): a potent aromatase inhibitor in vivo. J Steroid Biochem Mol Biol. 1991 Feb;38(2):181-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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