>>**Entry Name: 16-Methylestra-1,3,5(10)-triene-3,16,17-triol**

**Molecular Formula:** $C_{19}H_{26}O_3$
**Molecular Weight:** 302.413
**Accurate Mass:** 302.188195
**Percentage Composition:** C 75.46%; H 8.67%; O 15.87%

>>**Variant:** (16βOH,17β)-form

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**Molecular Weight:** 302.413
**Accurate Mass:** 302.188195
**Percentage Composition:** C 75.46%; H 8.67%; O 15.87%

>>**Derivative:** 3-Me ether
**Synonym(s):** Mytatrienediol. 3-Methoxy-16-methylestra-1,3,5(10)-triene-16β,17β-diol. Anvene. Manvene. SC 6924

**CAS Registry Number:** 5108-94-1

**Molecular Formula:** $C_{20}H_{28}O_3$
**Molecular Weight:** 316.439
**Accurate Mass:** 316.203845
**Percentage Composition:** C 75.91%; H 8.92%; O 15.17%
**Use/Importance:** Estrogen
**Biological Use/Importance:** Also has antilipaemic and hypocalciuric props.
**Physical Description:** Cryst. ($C_6H_6$/$Me_2CO$)
**Melting Point:** Mp 179-181°
**Optical Rotation:** $[\alpha]_D^{20}$+71 (dioxan)

**References:**

*U.S. Pat.*, 1960, 2 949 476; *CA*, **54**, 24891f