



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

Molecular Formula: C₁₉H₂₆O₃

Molecular Weight: 302.413

Accurate Mass: 302.188195

Percentage Composition: C 75.46%; H 8.67%; O 15.87%

>>Variant: (16βOH,17β)-form

Molecular Formula: C₁₉H₂₆O₃

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: C₂₀H₂₈O₃

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. (C₆H₆/Me₂CO)

Melting Point: Mp 179-181°

Optical Rotation: [α]_D²⁰+71 (dioxan)

References:

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