

MESTRANOL

Humeida A. El-Obeid and Abdullah A. Al-Badr

1. Description	376
1.1 Nomenclature	376
1.2 Formulae	376
1.3 Molecular Weight	377
1.4 Elemental Composition	377
1.5 Appearance	377
2. Physical Properties	377
2.1 Crystal Data	377
2.2 Melting Point	377
2.3 Solubility	377
2.4 Identification	377
2.5 Spectral Properties	378
3. Synthesis	385
4. Absorption, Metabolism, and Excretion	387
5. Methods of Analysis	390
5.1 Titrimetric Methods	390
5.2 Spectrophotometric Methods	391
5.3 Chromatographic Methods	397
References	404

1. Description

1.1 Nomenclature

1.11 Chemical Names

Ethinylestradiol-3-methyl ether.
 17 α -Ethinylestradiol-3-methyl ether
 3-Methoxy-19-nor-17 α -pregna-1,3,5(10)-trien-20-yn-17-ol.
 19-Norpregna-1,3,5(10)-trien-20-yn-17-ol, 3-methoxy-(17 α)-
 17 α -Ethinyl-3-methoxy-1,3,5(10)-estratrien-17 β -ol.
 17 α -Ethinyl-3-methoxyoestra-1,3,5(10)-trien-17-ol.
 17 α -Ethinyl-1,3,5(10)-estratriene-3, 17 β -diol-3-methyl ether.

1.12 Generic Name

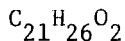
Mestranol.

1.13 Trade Names

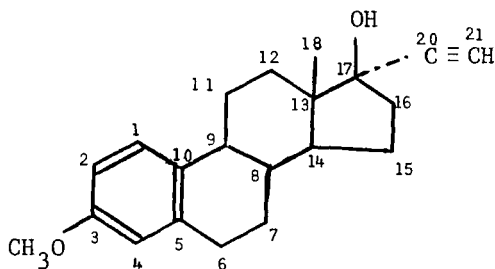
Mestranol is an ingredient of the following proprietary oral contraceptive preparations:
 Conovid, C-Quens, Enavid, Enovid, Metrulen, Norinyl, Previson, Ortho-Novum, Ovanon, Ovulen, Sequens, Syntex Menophase.

1.2 Formulae

1.21 Empirical



1.22 Structural



Download English Version:

<https://daneshyari.com/en/article/6411055>

Download Persian Version:

<https://daneshyari.com/article/6411055>

[Daneshyari.com](https://daneshyari.com)