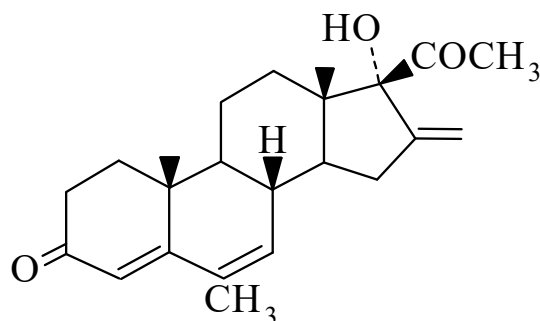




>>Entry Name: **Melengestrol**, BAN, INN

Synonym(s): 17-Hydroxy-6-methyl-16-methylenepregna-4,6-diene-3,20-dione. NSC 70968



CAS Registry Number: 5633-18-1

Molecular Formula: $C_{23}H_{30}O_3$

Molecular Weight: 354.488

Accurate Mass: 354.219495

Percentage Composition: C 77.93%; H 8.53%; O 13.54%

Use/Importance: Progestogen. Antineoplastic agent

Calculated Log P Data: Log P 3.28 (uncertain value) (calc)

Other Data: Stereochem. is 17 α OH

>>Derivative: Ac

Synonym(s): **Melengestrol acetate**, INN, USAN. BDH 1921. MGA. MJ 5373. NSC 70668. U 21240

CAS Registry Number: 2919-66-6

Molecular Formula: $C_{25}H_{32}O_4$

Molecular Weight: 396.525

Accurate Mass: 396.23006

Percentage Composition: C 75.73%; H 8.13%; O 16.14%

Use/Importance: Progestogen, antineoplastic agent

Melting Point: Mp 224-226°

Optical Rotation: $[\alpha]_D^{22} -127$ (c, 0.31 in $CHCl_3$)

Calculated Log P Data: Log P 3.82 (uncertain value) (calc)

References:

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