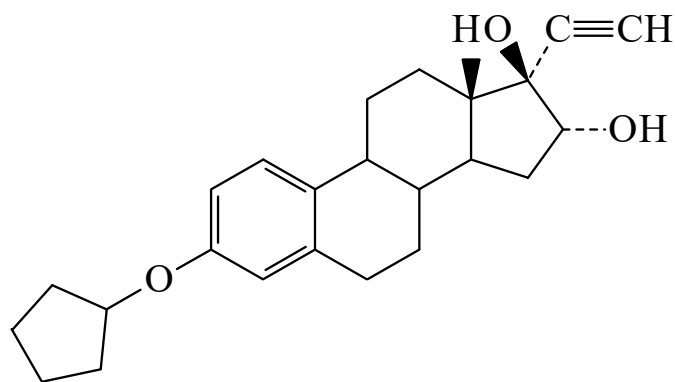




>>Entry Name: Nylestriol, BAN, USAN

Synonym(s): 3-(Cyclopentyloxy)-19-norpregna-1,3,5(10)-trien-20-yne-16,17-diol, 9Cl. **Nilestriol**, INN. Lilly 49825



CAS Registry Number: 39791-20-3

Molecular Formula: C₂₅H₃₂O₃

Molecular Weight: 380.526

Accurate Mass: 380.235145

Percentage Composition: C 78.91%; H 8.48%; O 12.61%

Use/Importance: Estrogen. Used in hormone replacement therapy

Physical Description: Cryst. (Et₂O/hexane)

Development Status: Never marketed

Melting Point: Mp 162-165°

Calculated Log P Data: Log P 5.55 (uncertain value) (calc)

Other Data: Stereochem. is (16α,17βOH)

References:

U.S. Pat., 1974, *Eli Lilly*, 3 790 605; *CA*, **80**, 121211e, (*synth, pharmacol*)

Cheng, G.J. *et al.*, *Chin. Med. J. (Beijing, Engl. edn.)*, 1993, **106**, 911, (*use*)