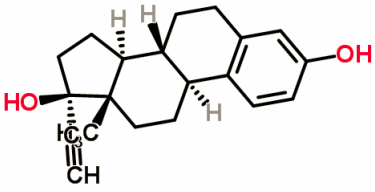


Name	ETHINYLESTRADIOL
Structure	
Systematic name	(17β)-17-ethynylestra-1,3,5(10)-triene-3,17-diol
Formula	C ₂₀ H ₂₄ O ₂
MW	296.4034
Monoisotopic mass	296.177630012
Mp	142-146°C
H bond acceptors	2
H bond donors	2
Acid pKa	10 (phenol)
Basic pka	--
ACD Log D pH 5.5	4.52
ACD Log D pH 7.4	4.52
Solubility	methanol, diethyl ether, acetone. Very slightly soluble in cold water
LD50	1200 mg/Kg rat p.o.
Therapeutic cat	contraceptive
ATC	G03CA01 G GENITO URINARY SYSTEM AND SEX HORMONES HORMONES G03 SEX HORMONES AND MODULATORS OF THE GENITAL SYSTEM G03C ESTROGENS G03CA Natural and semisynthetic estrogens, plain
L02AA03 L ANTINEOPLASTIC AND IMMUNOMODULATING AGENTS L02 ENDOCRINE THERAPY L02A HORMONES AND RELATED AGENTS L02AA Estrogens	
Receptors	ER-α / ER-β

Nomi commerciali (IT)	
ARIANNA, ESTINETTE, ETINILESTRADIOLO/GESTODENE, FEDRA, FEMODETTE, GESTODIOL, GINODEN, HARMONET, KIPLING, MILVANE, MINESSE, MINIGESTE, MINULET, TRIMINULET (associazione con gestodene [mestrenolo])	C, RR, compresse