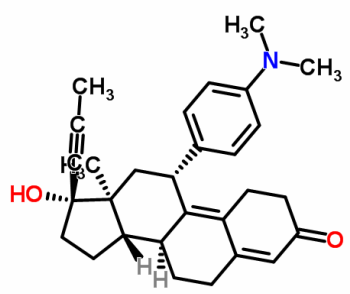


Name	MIFEPRISTONE
Structure	
Systematic name	(11 β ,17 β)-11-[4-(dimethylamino)phenyl]-17-hydroxy-17-(prop-1-yn-1-yl)estra-4,9-dien-3-one
Formula	C ₂₉ H ₃₅ NO ₂
MW	429.5937
Monoisotopic mass	429.266779369
Mp	150°C
H bond acceptors	3
H bond donors	1
Acid pKa	12.87 (OH)
Basic pKa	4.89
ACD Log D pH 5.5	4.66
ACD Log D pH 7.4	4.94
Solubility	ethanol, DMSO, and dimethylformamide
LD50	4640 mg/Kg rat p.o.
Therapeutic cat	emergency contraceptive
ATC	G03XB01 G GENITO URINARY SYSTEM AND SEX HORMONES G03 SEX HORMONES AND MODULATORS OF THE GENITAL SYSTEM G03X OTHER SEX HORMONES AND MODULATORS OF THE GENITAL SYSTEM G03XB Antiprogestogens
Receptors	progestogens

Nomi commerciali (IT)	
MIFEGYNE	H, OSP1, compresse