

(+)-Norgestrel

Chemical Properties

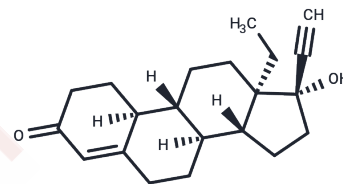
CAS No. : 797-64-8

Formula: C₂₁H₂₈O₂

Molecular Weight: 312.45

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

| | |
|---------------|--|
| Description | (+)-Norgestrel is a progestin medication for the treatment of birth control pills and in menopausal hormone therapy. |
| Targets(IC50) | Others,Endogenous Metabolite |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.2005 mL | 16.0026 mL | 32.0051 mL |
| 5 mM | 0.6401 mL | 3.2005 mL | 6.401 mL |
| 10 mM | 0.3201 mL | 1.6003 mL | 3.2005 mL |
| 50 mM | 0.064 mL | 0.3201 mL | 0.6401 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Bifano M, Sevinsky H, Hwang C, Kandoussi H, Jiang H, Grasela D, Bertz R. Effect of the coadministration of daclatasvir on the pharmacokinetics of a combined oral contraceptive containing ethinyl estradiol and norgestimate. *Antivir Ther.* 2014;19(5):511-9. doi: 10.3851/IMP2718. Epub 2013 Dec 17. PubMed PMID: 24343001.
- Kaunitz AM, Archer DF, Mishell DR Jr, Foegh M. Safety and tolerability of a new low-dose contraceptive patch in obese and nonobese women. *Am J Obstet Gynecol.* 2015 Mar;212(3):318.e1-8. doi: 10.1016/j.ajog.2014.09.014. Epub 2014 Sep 16. PubMed PMID: 25220709.
- Song IH, Borland J, Chen S, Wajima T, Peppercorn AF, Piscitelli SC. Dolutegravir Has No Effect on the Pharmacokinetics of Oral Contraceptives With Norgestimate and Ethinyl Estradiol. *Ann Pharmacother.* 2015 Jul;49(7):784-9. doi: 10.1177/1060028015580637. Epub 2015 Apr 10. PubMed PMID: 25862012; PubMed Central PMCID: PMC4472613.
- Nelson AL. Transdermal contraception methods: today's patches and new options on the horizon. *Expert Opin Pharmacother.* 2015 Apr;16(6):863-73. doi: 10.1517/14656566.2015.1022531. Review. PubMed PMID: 25800084.

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