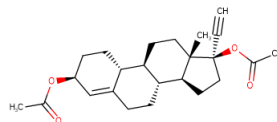


|                          |   |
|--------------------------|---|
| <b>Product Name</b>      | : Ethynodiol diacetate  |
| <b>Synonyms</b>          | : Ethynodiol Diacetate, Continuin, Femulen, Luteonom, Luto-Metrodiol, Metrodiol, norethindrol diacetate, ethynodiol diacetate                         |
| <b>Cat No.</b>           | : M13911  |
| <b>CAS Number</b>        | : 297-76-7  |
| <b>Molecular Formula</b> | : C <sub>24</sub> H <sub>32</sub> O <sub>4</sub>  |
| <b>Formula Weight</b>    | : 384.51  |
| <b>Chemical Name</b>     | : (3S,8R,9S,10R,13S,14S,17R)-17-ethynyl-13-methyl-2,3,6,7,8,9,10,11,12,13,14,15,16,17-tetradecahydro-1H-cyclopenta[a]phenanthrene-3,17-diyl diacetate |
| <b>Description</b>       | : Ethynodiol diacetate is one of the first synthetic progestogens used in contraceptive pills.  |
| <b>Pathway</b>           | : Endocrinology/Hormones  |
| <b>Target</b>            | : Estrogen Receptor/ERR   |
| <b>Receptor</b>          | : ER  |
| <b>Solubility</b>        | : Water: 77 mg/mL (200.25 mM); DMSO: 77 mg/mL (200.25 mM)   |
| <b>SMILES</b>            | : <chem>CC(=O)OC[C@H]1CC[C@@H]2[C@H]3CC[C@@]4(C)[C@@H](CC[C@@]4(OC(=O)C)C#C)[C@@H]3CCC2=C1=O</chem>   |
| <b>Storage</b>           | : (-20°C)   |
| <b>Stability</b>         | : ≥ 2 years   |
| <b>Reference</b>         | :   |



1. Siddique YH, et al. J Environ Biol, 2007, 28(2), 279-282.