## Overview

### Product name
Estradiol cypionate

### Description
17 β-cyclopentylpropionate ester of estradiol

### Biological description

### Purity
> 99%

## Properties

### Chemical name
\[(8R,9S,13S,14S,17S)-3\text{-Hydroxy-13-methyl-6,7,8,9,11,12,14,15,16,17-decahydrocyclopenta[a]phenanthren-17-yl}\text{-3-cyclopentylpropanoate}\]

### Molecular weight
396.56

### Molecular formula
\(C_{26}H_{36}O_{3}\)  

### CAS Number
313-06-4

### Storage instructions
Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

### Solubility overview
Soluble in DMSO to 100 mM and in ethanol to 100 mM

### Handling
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

### Source
Synthetic
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