

Analysis Date: 12/09/2022

Re-test Date: 08/09/2024

Estradiol Related Compound B
Identification

Chemical Name : (8R,9S,13S,14S,17S)-13-methyl-8,9,12,13,14,15,16,17-octahydro-11H-cyclopenta[a]phenanthrene-3,17-diol

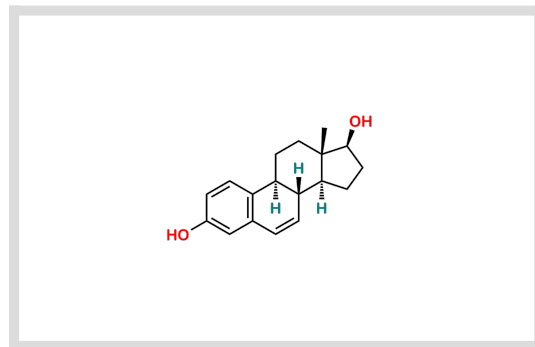
CAT No. : SZ-E031017

CAS No. : 7291-41-0

Molecular Formula : C₁₈H₂₂O₂

Molecular Weight : 270.4

Synonyms : Delta-6(7)-Estradiol


Analytical Information

Batch Code : SRL-359-183

HPLC Purity : 98.25 %

Solubility : ACN:H₂O (8:2)

Mass : Confirm

Appearance of product : White Solid

IR Analysis : Confirm

Long Term Storage : 2-8 °C for long term storage

¹H NMR : Confirm

Weight Loss By TGA : 0.61 %

Additional Information

% Potency = [100 - 0.61 (Wt loss by TGA)] X [98.25 (HPLC Purity)] / 100 = 97.65 %

Elemental Analysis (Theoretical) : %C: 79.96 %H: 8.200 %N: 0.000 %S: 0.000

Elemental Analysis (Practical) : %C: 79.93 %H: 8.003 %N: 0.000 %S: 0.009

Recommendation : Released



	Department	Signature	Date
Prepared by	Quality Assurance		
Checked by	Quality Assurance		
Approved By	Quality Assurance		

Attachments : HPLC, Mass, NMR, IR, TGA, CHNS

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.