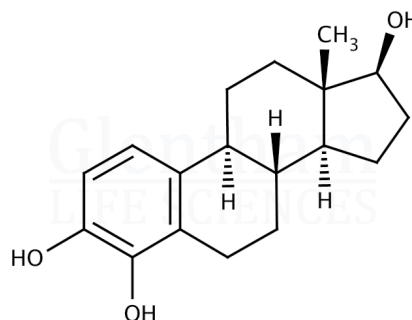


## Certificate of Analysis

Product Name 4-Hydroxyestradiol  
Glentham Code GL1043  
CAS Number 5976-61-4  
MDL Number MFCD00063335  
PubChem SID 310274833  
Batch Number 737GZD

Molecular Weight 288.38  
Molecular Formula  $C_{18}H_{24}O_3$   
Storage Temp. -20°C



Property	Specification	Batch 737GZD
Physical Description	Off-white to pale yellow or beige powder	Pale yellow powder
Solubility (2% in ethanol)	Clear to faintly turbid, colourless to pale yellow solution	Conforms
Melting Point	≥ 220°C	227°C
Assay (TLC)	≥ 98%	98%

Specification Version v1.0  
Manufacture Date 2022-07-21  
Re-Test Date 2030-07-21

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025