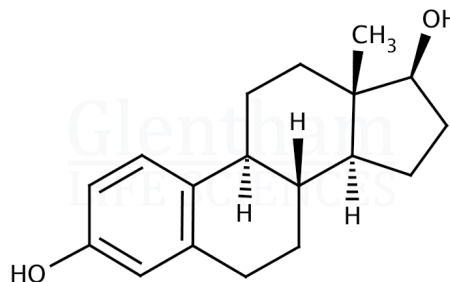


Certificate of Analysis

Product Name Estradiol
Glentham Code GP9683
CAS Number 50-28-2
EINECS 200-023-8
MDL Number MFCD00003693
PubChem SID 310272661
Batch Number 394QSR

Molecular Weight 272.39
Molecular Formula $C_{18}H_{24}O_2$
Storage Temp. +20°C



Property	Specification	Batch 394QSR
Physical Description	White or off-white powder	White powder
Solubility (5% in DMSO)	Clear, colourless to very faint yellow solution	Clear, colourless solution
Melting Point	174.0 - 181.0 °C	178.7°C
Loss on Drying	≤ 6.0% (105°C)	3.6%
Assay	≥ 97.0% (dried basis)	99.1%

Specification Version v1.0
Manufacture Date 2023-09-18
Re-Test Date 2032-10-27

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 or contact us using the details above for the current version of this document.

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