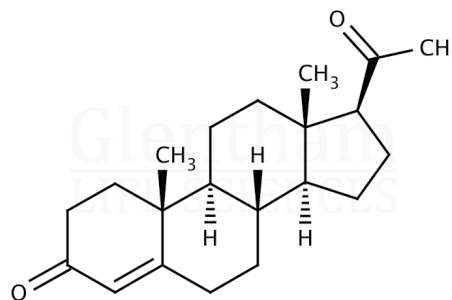


Certificate of Analysis

Product Name Progesterone
Glentham Code GP3663
CAS Number 57-83-0
EINECS 200-350-6
MDL Number MFCD00003658
PubChem SID 310279245
Batch Number 159AZO

Molecular Weight 314.46
Molecular Formula $C_{21}H_{30}O_2$
Storage Temp. +4°C



Property	Specification	Batch 159AZO
Physical Description	White to off-white powder	White crystalline powder
Solubility (5% in chloroform)	Clear, colourless to faint yellow solution	Clear, colourless solution
Melting Point	127.0 - 133.0 °C	130.3 - 132.5 °C
Specific Optical Rotation ([α] _D ²⁰)	+176.0 - +185.0 ° (c=2, dioxane)	Conforms
Assay	98.0 - 102.0 % (dried basis)	100.5%

Specification Version v1.1
Manufacture Date 2020-05-24
Re-Test Date 2028-08-18

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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