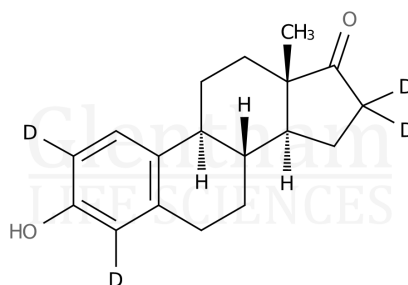


Certificate of Analysis

Product Name	Estrone-2,4,16,16-d4
Glentham Code	GC2791
CAS Number	53866-34-5
Batch Number	203BJH

Molecular Weight	274.39
Molecular Formula	C ₁₈ H ₁₈ D ₄ O ₂
Storage Temp.	-20°C



Property	Specification	Batch 203BJH
Physical Description	White to off-white solid	White solid
Identification (1H-NMR)	To conform to structure	Conforms
Loss on Drying	≤ 0.5%	< 0.1%
D Enrichment	≥ 98.0%	≥ 98.0%
Purity (HPLC)	≥ 98.0%	98.5%

Specification Version	v1.0
Manufacture Date	2019-06-30
Re-Test Date	2030-02-08

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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