

Certificate of Analysis

Product Name: Estradiol-d4

Cat. No.: GC63643

Batch No.: 2

Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 66789-03-5

Molecular Formula: $C_{18}H_{20}D_4O_2$

Molecular Weight: 276.41

Storage: Store at -20°C

Chemical Structure: D

HO H H

ANALYTICAL DATA

Appearance: A solid

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity(LCMS): 99.55%
Isotopic Enrichment: 95.70%

Additional Information: d1=0.27%, d2=3.03%, d4=94.14%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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