Screening Libraries

Certificate of Analysis

Estrone-d₂-1

Cat. No.: HY-B0234S4 CAS No.: 56588-58-0 Batch No.: 344245

Chemical Name: Estra-1,3,5(10)-trien-17-one-16,16-d2, 3-hydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{20}D_2O_2$ 272.38 Molecular Weight:

3 years Storage: Powder -20°C

> In solvent -80°C 6 months

> > -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance:

Purity: ≥95.0% **Isotopic Enrichment:** 99.4% Carbon Content(C%): 78.53% Hydrogen Content(H%): 8.42%

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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