Certificate of Analysis

Dexamethasone-d₅

Cat. No.: HY-14648S CAS No.: 358731-91-6 Batch No.: 212733

Chemical Name: Pregna-1,4-diene-3,20-dione-4,6,6,21,21-d5, 9-fluoro-11,17,21-trihydroxy-16-methyl-, $(11\beta,16\alpha)$ -

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{24}D_5FO_5$ 397.49 Molecular Weight:

Storage: Powder -20°C 3 years

> In solvent -80°C 6 months

> > -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

White to light yellow (Solid) Appearance: LCMS: Consistent with structure

Purity (LCMS): 99.86% **Isotopic Enrichment:** 99.80%

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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