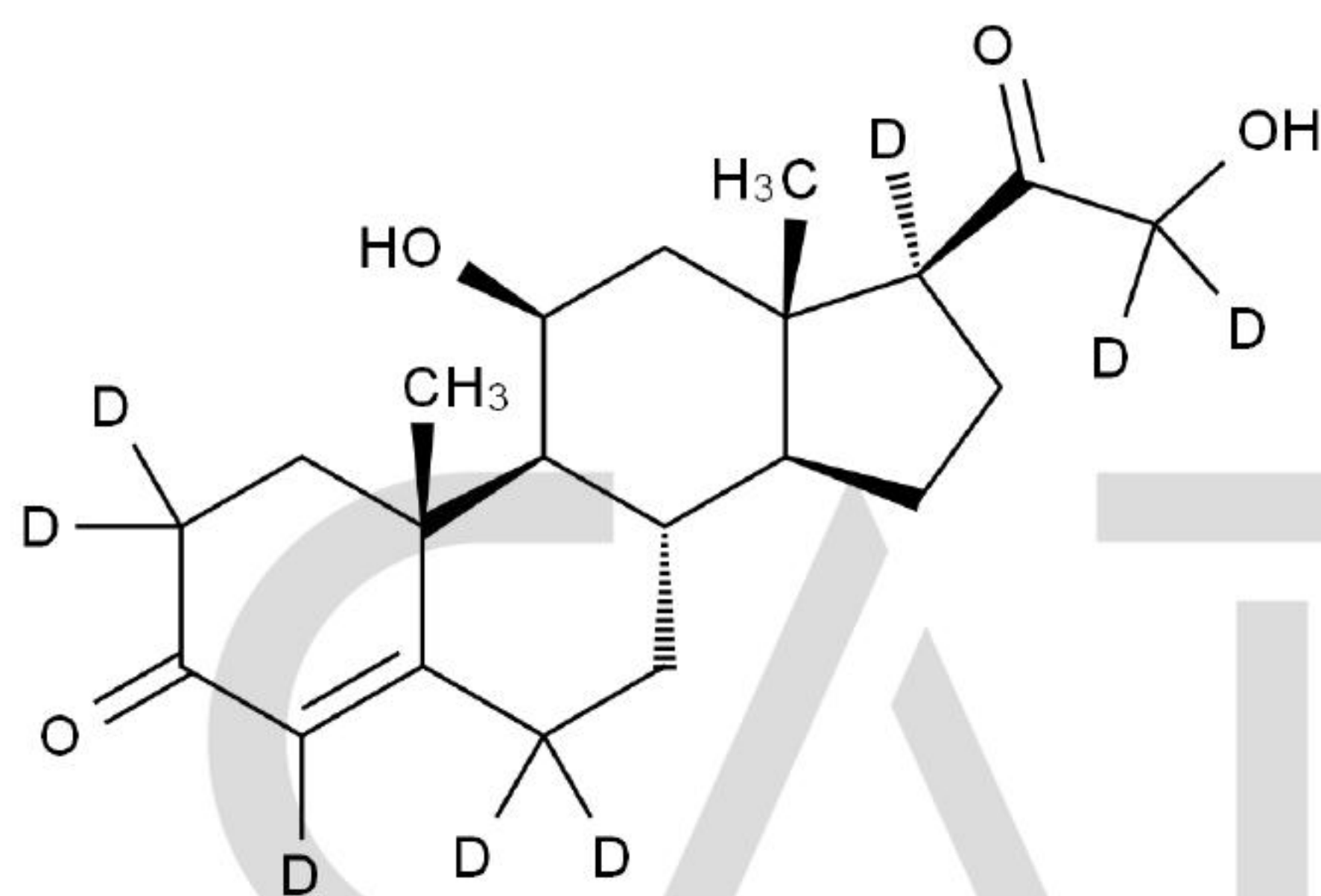


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                     |                                           |
|--------------------|---------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Corticosterone-d8                                             | Catalogue Number:   | CCAD301441                                |
| Synonyms:          | N/A                                                           | Lot Number:         | 0326-RH-0049                              |
| CAS Number:        | 1271728-07-4                                                  | Expiry Date:        | Oct 18, 2027                              |
| Molecular Formula: | C <sub>21</sub> H <sub>22</sub> D <sub>8</sub> O <sub>4</sub> | Storage:            | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 354.51                                                        | Shipping Condition: | Shipping at Room Temperature              |

Chemical Structure:



| Test Items      | Method            | Results                    |
|-----------------|-------------------|----------------------------|
| Appearance      | Visual inspection | White to Pale Yellow Solid |
| Identification  | HRMS&HNMR         | Confirmed                  |
| Chemical Purity | HPLC              | 99.2%                      |
| Isotopic Purity |                   | 98.9%                      |
| Uncertainty     |                   | ±0.2%                      |

## Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

## Signature:

Prepared by:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Apr 01, 2026

Date: Apr 01, 2026

Date: Apr 01, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

