## **Certificate of Analysis**

## Estrone sulfate-d<sub>4</sub> (sodium)

Cat. No.: HY-113293BS1
CAS No.: 285979-80-8
Batch No.: 257052

**Chemical Name:** Estra-1,3,5(10)-trien-17-one-2,4,16,16-d4, 3-(sulfooxy)-, sodium salt (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>18</sub>H<sub>17</sub>D<sub>4</sub>NaO<sub>5</sub>S

Molecular Weight: 376.44

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

Purity: ≥99.0%
Isotopic Enrichment: 98%

**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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