

# **Screening Libraries**

# **Certificate of Analysis**

## Taurodeoxycholic acid (sodium hydrate)

Cat. No.: HY-B1899A CAS No.: 110026-03-4 Batch No.: 344502

**Chemical Name:** Ethanesulfonic acid,  $2-[[(3\alpha,5\beta,12\alpha)-3,12-dihydroxy-24-oxocholan-24-yl]amino]-$ , sodium salt, h

ydrate (1:1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>26</sub>H<sub>46</sub>NNaO<sub>7</sub>S

**Molecular Weight:** 539.70

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

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (NMR): ≥98.0%

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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