## **Certificate of Analysis**

## FITC-Lithocholic acid 3-sulfate

**Cat. No.:** HY-113238F **Batch No.:** 410461

**Chemical Name:** 5-(3-(2-((R)-4-((3R,5R,8R,9S,10S,13R,14S,17R)-10,13-Dimethyl-3-(sulfooxy)hexadecahydro-1H-cy

clopenta[a]phenanthren-17-yl)pentanamido)ethyl)thioureido)-2-(6-hydroxy-3-oxo-3H-xanthen-

9-yl)benzoic acid

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{47}H_{57}N_3O_{10}S_2$ 

Molecular Weight: 888.10

Storage: -20°C, sealed storage, away from moisture and light

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

light)

**Chemical Structure:** 

HO S O H

## **ANALYTICAL DATA**

Appearance: Light yellow to yellow (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 90.01%

**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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