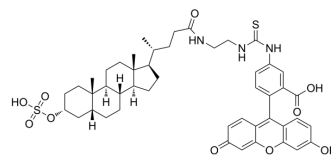


## FITC-Lithocholic acid 3-sulfate

<b>Cat. No.:</b>	HY-113238F
<b>Molecular Formula:</b>	C <sub>47</sub> H <sub>57</sub> N <sub>3</sub> O <sub>10</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	888.1
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	-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)



### BIOLOGICAL ACTIVITY

#### Description

FITC-Lithocholic acid 3-sulfate (FITC-Sulfolithocholic acid) is a FITC-labeled Lithocholic acid 3-sulfate, which is a sulfated biliary metabolite. Lithocholic acid 3-sulfate selectively inhibits Th17 cell differentiation by targeting RORγt. Lithocholic acid 3-sulfate can be used for the research of pathogenesis of cholestatic liver diseases<sup>[1]</sup>.

### REFERENCES

[1]. Xiao R, et al. Synthesis and identification of lithocholic acid 3-sulfate as RORγt ligand to inhibit Th17 cell differentiation. J Leukoc Biol. 2022 Oct;112(4):835-843.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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