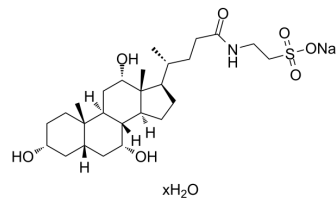


Taurocholic acid sodium salt hydrate

| | |
|---------------------------|--|
| Cat. No.: | HY-B1131 |
| CAS No.: | 345909-26-4 |
| Molecular Formula: | C ₂₆ H ₄₄ NO ₇ S.xH ₂ O.Na |
| Target: | Endogenous Metabolite |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | 4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture) |



SOLVENT & SOLUBILITY

| | |
|-----------------|--|
| In Vitro | DMSO : 300 mg/mL (Need ultrasonic) H ₂ O : ≥ 100 mg/mL * "≥" means soluble, but saturation unknown. |
| In Vivo | <ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (Infinity mM); Clear solution |

BIOLOGICAL ACTIVITY

| | | |
|-------------------------------------|--|----------------------|
| Description | Taurocholic acid sodium salt hydrate (Sodium taurocholate hydrate) is a bile acid involved in the emulsification of fats. | |
| IC₅₀ & Target | Human Endogenous Metabolite | Microbial Metabolite |
| In Vivo | The bile acid Taurocholic acid sodium salt hydrate (Sodium taurocholate hydrate) exerts permeation enhancing effects in vivo ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. | |

CUSTOMER VALIDATION

- Antiviral Res. 2019 Jun 27;169:104544.
- RSC Adv. 2018 8:8469-8483.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Mooranian A, et al. The effect of a tertiary bile acid, taurocholic acid, on the morphology and physical characteristics of microencapsulated probucol: potential applications in diabetes: a characterization study. *Drug Deliv Transl Res.* 2015 Oct;5(5):511-22.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA