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Produktinformation



Forschungsprodukte & Biochemikalien



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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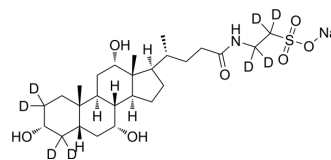
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Taurocholic acid-d₈ sodium

Cat. No.:	HY-W653842
CAS No.:	1351996-69-4
Molecular Formula:	C ₂₆ H ₃₆ D ₈ NNaO ₇ S
Molecular Weight:	545.73
Target:	Isotope-Labeled Compounds; VEGFR; Endogenous Metabolite
Pathway:	Others; Protein Tyrosine Kinase/RTK; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Taurocholic acid-d₈ (sodium) is deuterium labeled Taurocholic acid (sodium). Taurocholic acid sodium (Sodium taurocholate) has marked bioactive effects such as an inhibitory potential against hepatic artery ligation induced biliary damage by upregulation of VEGF-A expression. Taurocholic acid sodium has immunoregulation effect^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Caiyun Wang, et al. Effects of taurocholic acid on immunoregulation in mice. *Int Immunopharmacol*. 2013 Feb;15(2):217-22.
- [3]. Xun Z, et al. Taurocholic acid inhibits the response to interferon-α therapy in patients with HBeAg-positive chronic hepatitis B by impairing CD8+ T and NK cell function. *Cell Mol Immunol*. 2021 Feb;18(2):461-471.
- [4]. Glaser S, et al. Taurocholic acid prevents biliary damage induced by hepatic artery ligation in cholestatic rats. *Dig Liver Dis*. 2010 Oct;42(10):709-17.

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

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