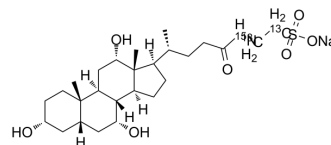


Taurocholic acid-13C2,15N sodium

Cat. No.:	HY-N0545S
CAS No.:	2483830-59-5
Molecular Formula:	C ₂₄ ¹³ C ₂ H ₄₄ ¹⁵ NNaO ₇ S
Molecular Weight:	540.66
Target:	VEGFR; Endogenous Metabolite
Pathway:	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-13C2,15N sodium (Sodium taurocholate-13C2,15N) is the 13C- and 15N- labeled Taurocholic acid (sodium).
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019;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.

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