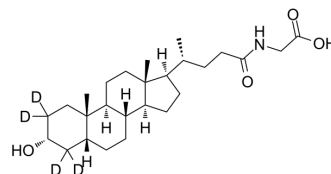


Glycolithocholic acid-d4

Cat. No.:	HY-116374S
CAS No.:	2044276-16-4
Molecular Formula:	C ₂₆ H ₃₉ D ₄ NO ₄
Molecular Weight:	437.65
Target:	Endogenous Metabolite; Isotope-Labeled Compounds
Pathway:	Metabolic Enzyme/Protease; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Glycolithocholic acid-d ₄ is the deuterium labeled Glycolithocholic acid. Glycolithocholic acid, an endogenous metabolite, is a glycine-conjugated secondary bile acid and can be used to diagnose ulcerative colitis (UC), non-alcoholic steatohepatitis (NASH) and primary sclerosing cholangitis (PSC) [1][2][3][4].
In Vitro	Glycolithocholic acid, an endogenous metabolite, is a glycine-conjugated secondary bile acid and can be used to diagnose ulcerative colitis (UC), non-alcoholic steatohepatitis (NASH) and primary sclerosing cholangitis (PSC) [1][2][3][4]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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- [3]. Bansal S, et, al. Inhibition of Human Sulfotransferase 2A1-Catalyzed Sulfonation of Lithocholic Acid, Glycolithocholic Acid, and Taurolithocholic Acid by Selective Estrogen Receptor Modulators and Various Analogs and Metabolites. *J Pharmacol Exp Ther.* 2019 Jun;369(3):389-405.
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Caution: Product has not been fully validated for medical applications. For research use only.

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