



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

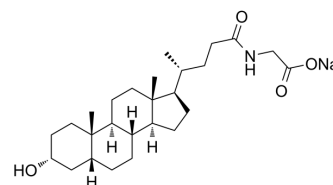
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Glycolithocholic acid sodium

Cat. No.:	HY-116374A
CAS No.:	24404-83-9
Molecular Formula:	C ₂₆ H ₄₂ NNaO ₄
Molecular Weight:	455.61
Target:	Others
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (54.87 mM; ultrasonic and warming and heat to 60°C)
H₂O : < 0.1 mg/mL (ultrasonic;warming;heat to 60°C) (insoluble)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.1949 mL	10.9743 mL	21.9486 mL
	5 mM		0.4390 mL	2.1949 mL	4.3897 mL
	10 mM		0.2195 mL	1.0974 mL	2.1949 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Glycolithocholic acid (Lithocholylglycine) sodium is the sodium salt of Glycolithocholic acid. Glycolithocholic acid is a glycine-conjugated secondary bile acid. Glycolithocholic acid can be used to diagnose ulcerative colitis (UC), non-alcoholic steatohepatitis (NASH) and primary sclerosing cholangitis (PSC)^{[1][2]}.

REFERENCES

- [1]. Tanno N, et, al. Biliary lipid composition in heterozygous familial hypercholesterolemia and influence of treatment with probucol. Dig Dis Sci. 1994 Jul;39(7):1586-91.
- [2]. Ang ZH, et, al. Altered profiles of fecal bile acids correlate with gut microbiota and inflammatory responses in patients with ulcerative colitis. World J Gastroenterol. 2021 Jun 28;27(24):3609-3629.

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