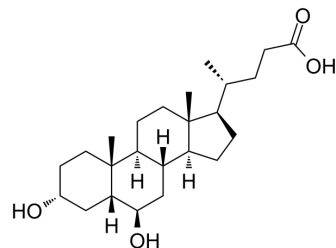


Murideoxycholic acid

Cat. No.:	HY-N0169B		
CAS No.:	668-49-5		
Molecular Formula:	C ₂₄ H ₄₀ O ₄		
Molecular Weight:	392.57		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMF : 30 mg/mL (76.42 mM; Need ultrasonic and warming)
 DMSO : 20 mg/mL (50.95 mM; Need ultrasonic and warming)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5473 mL	12.7366 mL	25.4732 mL
5 mM	0.5095 mL	2.5473 mL	5.0946 mL
10 mM	0.2547 mL	1.2737 mL	2.5473 mL

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

BIOLOGICAL ACTIVITY

Description	Murideoxycholic acid is a 6 beta-hydroxylated bile acid ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Khallou J, et al. Metabolism and time-course excretion of murideoxycholic acid, a 6 beta-hydroxylated bile acid, in humans. J Hepatol. 1993;17(3):364-372.

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

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