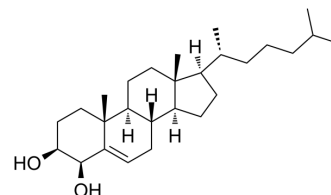


4 β -Hydroxycholesterol

Cat. No.: HY-124265
CAS No.: 17320-10-4
Molecular Formula: C₂₇H₄₆O₂
Molecular Weight: 402.65
Target: Endogenous Metabolite
Pathway: Metabolic Enzyme/Protease
Storage: -20°C, protect from light
 * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 5 mg/mL (12.42 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.4835 mL	12.4177 mL	24.8355 mL
	5 mM		0.4967 mL	2.4835 mL	4.9671 mL
	10 mM		0.2484 mL	1.2418 mL	2.4835 mL

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

BIOLOGICAL ACTIVITY

Description

4 β -hydroxy Cholesterol is a major oxysterol cholesterol metabolite and a precursor in the synthesis of bile acids that is found in human circulation^[1].

REFERENCES

[1]. Granchi C, Rizzolio F, Bordoni V, Caligiuri I, Manera C, Macchia M, Minutolo F, Martinelli A, Giordano A, Tuccinardi T. 4-Aryliden-2-methyloxazol-5(4H)-one as a new scaffold for selective reversible MAGL inhibitors. J Enzyme Inhib Med Chem. 2016;31(1):137-46.

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

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