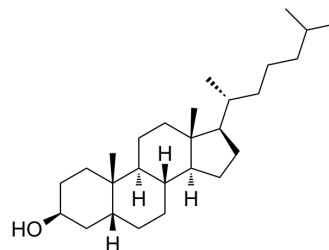


Coprostanol

Cat. No.:	HY-118103		
CAS No.:	360-68-9		
Molecular Formula:	C ₂₇ H ₄₈ O		
Molecular Weight:	388.67		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Coprostanol (Coprostan-3-ol) is a fecal sterol formed by microbial reduction of cholesterol in the intestines of man and higher animals. Coprostanol can be used as an indicator sterol of fecal pollution. Coprostanol has been recognized as a good indicator of pollution of water resources by sewage discharges ^{[1][2]} .
IC₅₀ & Target	Microbial Metabolite

REFERENCES

- [1]. Choi S M, et al. Studies of Coprostanol (5β-Cholestan-3β-ol) in Environmental Samples by Tandem Mass Spectrometry[J].Microchemical Journal, 1996, 53(1):54-64.
- [2]. Robert W. Walker, et al. Coprostanol as an indicator of fecal pollution. C R C Critical Reviews in Environmental Control. Volume 12, 1982 - Issue 2.

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

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