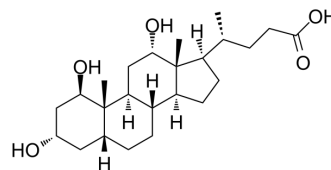


1 β -Hydroxydeoxycholic acid

Cat. No.:	HY-113482
CAS No.:	80434-32-8
Molecular Formula:	C ₂₄ H ₄₀ O ₅
Molecular Weight:	408.57
Target:	Endogenous Metabolite; Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1 β -Hydroxydeoxycholic acid (1 β -OH-DCA), a secondary bile acid, is a CYP3A biomarker. Deoxycholic acid is specifically metabolized into 1 β -Hydroxydeoxycholic acid by CYP3A4 and CYP3A7 using recombinant human CYP450 enzymes^[1].

REFERENCES

[1]. Gaëlle Magliocco, et al. The 1 β -Hydroxy-Deoxycholic Acid to Deoxycholic Acid Urinary Metabolic Ratio: Toward a Phenotyping of CYP3A Using an Endogenous Marker? *J Pers Med.* 2021 Feb 20;11(2):150.

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