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Title	Identification of 27-nor-3α, 7α, 12α-trihydroxycoprostane-24-one. apparently derived from 3α, 7α, 12α-trihydroxy-24-oxocoprostanoic acid, a postulated intermediate of bile acid biosynthesis
Sub Title	
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Publisher	共立薬科大学
Publication year	1993
Jtitle	共立薬科大学研究年報 (The annual report of the Kyoritsu College of Pharmacy). No.38 (1993.) ,p.65- 65
Abstract	
Notes	抄録
Genre	Technical Report
URL	http://koara.lib.keio.ac.jp/xoonips/modules/xoonips/detail.php?koara_id=AN00062898-00000038 -0065

Identification of 27–Nor– 3α , 7α , 12α –trihydroxycoprostane–24–one Apparently derived from 3α , 7α , 12α –Trihydroxy–24–oxocoprostanoic Acid, A Postulated Intermediate of Bile Acid Biosynthesis

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Incubation of $[27^{-13}C]$ – 3α , 7α , 12α –trihydroxycoprost–24–en–26–oic acid with rat liver homogenate followed by ^{13}C –NMR analysis of the incubation product has resulted in the identification of $[26^{-13}C]$ –27–nor– 3α , 7α , 12α –trihydroxycoprostan–24–one, supporting the idea that the substrate has been metabolized into 3α , 7α , 12α –trihydroxy–24–oxocoprostane–26–oic acid CoA derivative.

^{*} 本報告は Chem. Pharm. Bull., 41, 1327-1329, (1993) に発表。

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