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Retroconversion of dietary trans-vaccenic (trans-C18:1 n-7) acid to trans-palmitoleic acid (trans-C16:1 n-7): Proof of concept and quantification in both cultured rat hepatocytes and pregnant rats

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Retroconversion of dietary *trans*-vaccenic (*trans*-C18:1 n-7) acid to *trans*-palmitoleic acid (*trans*-C16:1 n-7): proof of concept and quantification in both cultured rat hepatocytes and pregnant rats

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KEYWORDS

Dairy products; Retroconversion; *Trans*-palmitoleic acid; *Trans*-vaccenic acid.

ABBREVIATIONS

CVA: *cis*-vaccenic acid; DMA: dimethylacetal; DMOX: 4,4-dimethyloxazoline; PHFO: partially hydrogenated fish oil; PHVO: partially hydrogenated vegetable oil; PL: phospholipid; RMA: rumenic acid; TAG: triacylglycerol; TPA: *trans*-palmitoleic acid; TVA: *trans*-vaccenic acid

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