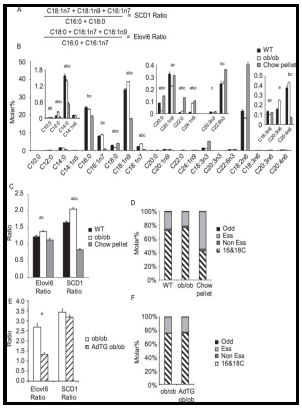
Linoleate deficiency in rats - measurement of carbon recycling from linoleate and a comparison with essential fatty acid deficiency.

National Library of Canada - Specific linoleate deficiency in the rat does not prevent substantial carbon recycling from [(14)C]linoleate into sterols



Description: -
-Linoleate deficiency in rats - measurement of carbon recycling from linoleate and a comparison with essential fatty acid deficiency.
-
Temas portugueses
Canadian theses = -- Thèses canadiennesLinoleate deficiency in rats - measurement of carbon recycling from linoleate and a comparison with essential fatty acid deficiency.
Notes: Thesis (M.Sc.) -- University of Toronto, 1998.
This edition was published in 1998

Tags: #Majority #of #Dietary #Linoleate #in #Growing #Rats #is #β

Carbon Recycling

Targeted alterations in dietary n-3 and n-6 fatty acids improve life functioning and reduce psychological distress among patients with chronic headache: a secondary analysis of a randomized trial. Total cholesterol and triacylglycerol concentrations were determined with commercial kits. There were significant interactions between zinc and EFA in liver such that zinc deficiency reduced AA and DHA in the EFA-adequate groups and increased AA but not DHA in the EFA-deficient groups.

Role of Linoleate as an Essential Fatty Acid for the Cat Independent of Arachidonate Synthesis

Journal of Chromatography, 361, 396—399. Overall, studies have shown an adverse effect of maternal breast milk or dietary LA on neurodevelopment. Plasma fatty acid profiles of 33 critically ill surgical patients receiving fat-free parenteral nutrition were examined at weekly intervals up to 28 days.

Metabolism of polyunsaturated fatty acids and ketogenesis: an emerging connection

Substantial carbon recycling from linoleate into products of de novo lipogenesis occurs in rat liver even under conditions of extreme dietary linoleate deficiency. Notably, although the chicken studies outlined in Table showed an effect of OXLAMs on behavior, none assessed their bioavailability.

Metabolism of polyunsaturated fatty acids and ketogenesis: an emerging connection

It has been argued that this is the result of metabolism of ALA to docosahexaenoic acid DHA or that ALA is rapidly β-oxidized to acetyl CoA and CO 2. Dietary linoleic acid and its oxidized metabolites exacerbate liver injury caused by ethanol via induction of hepatic proinflammatory response

in mice.

Increased α

Our results are in contrast with earlier findings in mature animals.

Dietary n

The fatty acid composition of CL has been reported in numerous studies examining the effects of various dietary fatty acids on the phospholipid composition of heart and liver mitochondria. The incorporation of 18:1 and 18:2 into PC and 18:1 into PE of cardiac mitochondria, as shown in , indicates that there are no significant trends in the incorporation of these fatty acids into these two phospholipids across a broad range of dietary supplementation 2%—78% , indicating a regulated pattern in heart. We have about 300 kinds of products natural aroma chemicals, synthetic aroma chemicals and pharmaceutical intermediates.

Related Books

- Strategic marketing
- Garden State golf guide - complete coverage of all New Jerseys public and private golf courses
- Dante - storia di un visionario
- United Nations seminar on the encouragement of understanding, tolerance and respect in matters relat
- Public finance and fiscal issues in Barbados and the O.E.C.S.