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Research letters

Olestra increases faecal excretion of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin

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Two patients with chloracne had concentrations of 2,3,7,8-tetrachlorodibenzo-*p*-dioxin (TCDD) of 144 000 and 26 000 pg/g blood lipids. Olestra, a non-digestible, lipophilic dietary fat substitute accelerated the patients' intestinal excretion of TCDD by eight to ten fold. This is sufficient to reduce the normally observed elimination half life of TCDD from about 7 years to 1-2 years.

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