

motility and blood flow (Lee 1965; Green 1979) so results obtained from anaesthetized rats must be interpreted with caution. However, the same rank order for the effects of the oils on plasma and lymph concentrations of the drug, strongly suggests that the mechanism of absorption is unaltered, although the extent is reduced by anaesthesia. Previous experiments (Palin 1981) have shown that pentobarbitone reduces the plasma concentrations of DDT delivered in the three oils, but the enhancing effect of arachis oil is still seen.

It is concluded that probucol absorption in rats can be enhanced by co-administration with arachis oil. It may be possible to achieve a similar effect in man by reformulation of the drug, although the ratio of oil volume administered:body weight would have to be greatly reduced. It has been reported that at low rates of infusion into in-situ rat intestinal loops, a significant proportion of unsaturated long chain fatty acids is absorbed via the portal route (McDonald et al 1980). Only at higher rates of infusion are these fatty acids directed into the lymphatic system.

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## Recent IUPAC Nomenclature Recommendations

Listed below are the titles of chemical nomenclature recommendations published by IUPAC during recent months. Comments on the proposals (addressed to the originating IUPAC Commission) would be welcomed.

- Glossary of terms used in physical organic chemistry (*Pure Appl. Chem.* 1983, 55: 1281).
- Extension of rules concerning numerical terms used in organic chemical literature (*Pure Appl. Chem.* 1983, 55: 1463).
- Nomenclature and symbolism for amino acids and peptides (*Pure Appl. Chem.* 1984, 56: 595).
- Nomenclature, symbols and units recommended for in situ microanalysis (*Pure Appl. Chem.* 1983 55: 2023).
- Nomenclature, symbols, units and their usage in analysis by molecular luminescence spectroscopy (*Pure Appl. Chem.* 1984, 56: 231).

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