Challenging Medicines

Making medicines:

- preparation of sodium bicarbonate ear drops
- milk of magnesia extemporaneous preparation

Challenging medicines: an introduction

Developing medicines

drug discovery and development

Experiments

Analysing medicines

- colorimetric analysis of 2-hydroxybenzoic acid
- colorimetric analysis of aspirin
- colorimetric analysis of paracetamol

Physiochemical properties: practicals

- dissolution of aspirin tablets
- dissolution of blackcurrent lozenges
- dissolution of paracetamol
- determining pK_a of 2-hydroxybenzoic acid
- determining pK_a of aspirin
- determining pK_a of glycine
- partition of butanedioic acid
- distribution of 2-hydroxybenzoic acid
- rate of hydrolysis of aspirin
- rate of permeation of aspirin
- rate of permeation of paracetamol

Physiochemical Properties

Body Chemistry