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

Physiochemical properties: practicals
- dissolution of aspirin tablets
- dissolution of blackcurrant 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

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

Experiments

Physicochemical Properties

Body Chemistry