Additional Notes on Extraction of an Analgesic

Assigned Reading:
- Pavia 5th edition: Experiment # 10 (pg79), Isolation of the Active Ingredient in an Analgesic Drug

Introduction

In this experiment we will be extracting the active ingredient from various pain relievers. We will first pulverize the tablets and extract the active ingredient along with other impurities that will be removed by performing column chromatography. The product will be isolated and analyzed by melting point.

![Chemical structures of aspirin, Ibuprofen, and acetaminophen]

Postlab Questions

Answer Post-lab questions 1-6 on page 82.