

6. This question is about the synthesis the new wonder-drug 'Rimonabant'

In September 2004 the drug company *Sanofi-Synthelabo* announced a new compound to help fight both obesity and smoking. The structure of the drug *rimonabant* (to be marketed under the trade name *Acomplia*) is given below together with an outline of its synthesis.

Draw the structures for the starting materials chlorobenzene and propanoyl chloride, and compounds **A** – **F**.

