

Organic Synthesis

The key areas of study in this topic are:

- Practical skills
- Synthetic routes

By the end of this topic I should be able to:

	Start	End
Use and describe the techniques and procedures for: <ul style="list-style-type: none"> • use of Quickfit apparatus including for distillation and heating under reflux • preparation and purification of an organic liquid including: <ul style="list-style-type: none"> ○ use of a separating funnel to remove an organic layer from an aqueous layer ○ drying with an anhydrous salt (e.g. MgSO_4, CaCl_2) ○ redistillation 		
Identify the individual functional groups within a given organic molecule and use these to predict properties and reactions		
Derive two-stage synthetic routes for preparing organic compounds based on all the reactions studied and additional given reactions		

In all topic areas you should be able to demonstrate and apply your knowledge and understanding.

