

36 Identifying functional groups – Part 1

—Answers

Answers

Work through these after trying the questions yourself.

36.1 A phenol or a phenylamine.

36.2 An acyl chloride.

36.3 Purple.

36.4 Joining known reactions to build a target molecule.

36.5 Identify the functional groups.

36.6 It is a phenol. A white precipitate with bromine water (no catalyst) and a purple colour with neutral FeCl_3 are *both* tests for a phenol, so the two results together confirm the phenol group.