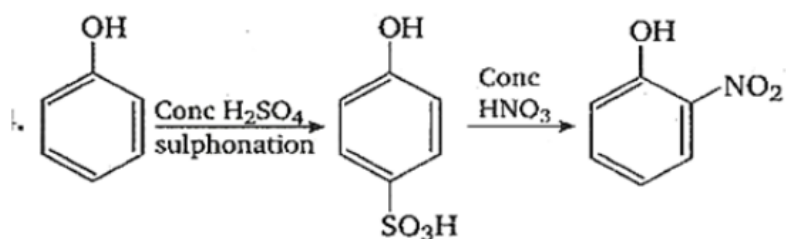


17. Toluene is nitrated and the resulting product is reduced with tin and hydrochloric acid. The product so obtained is diazotised and then heated with cuprous bromide. The reaction mixture so formed contains

- A. mixture of o- and p-bromotoluenes
- B. mixture of o- and p-dibromobenzenes
- C. mixture of o- and p-bromoanilines
- D. mixture of o- and m-bromotoluenes

A. mixture of o- and p-bromotoluenes



First, sulphonation is the means to block para position and to reduce the reactivity of phenolic ring against strong oxidising agent HNO_3 . (The use of conc. HNO_3 over phenol cause the oxidation of ring mainly). The strong acidic medium in second step cause desulphonation also.

