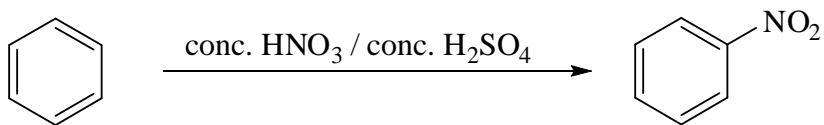


- A mixture of concentrated nitric and sulfuric acids generates the nitronium ion,  $\text{NO}_2^+$ . Benzene will react with such a mixture to give nitrobenzene.

**Marks**  
**2**



What 3-part name is given to the mechanism of this nitration reaction?

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