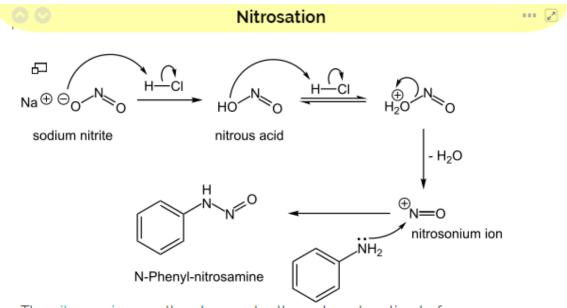
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## Preparation of Nitrosonium Ion



The nitrosamine can then lose water through protonation to form diazonium cation, which is a very useful intermediate to form different compounds.