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The Fischer indole synthesis is a versatile method for the preparation of substituted indoles. The reaction occurs under mildly acidic conditions and the first step is formation of hydrazone **B** through a mechanism analogous to imine formation. After a rearrangement to form imine **C**, an acid-catalyzed ring closure produces an indole (indole **D**). The driving force for the conversion of **C** to **D** is the formation of the aromatic indole.

