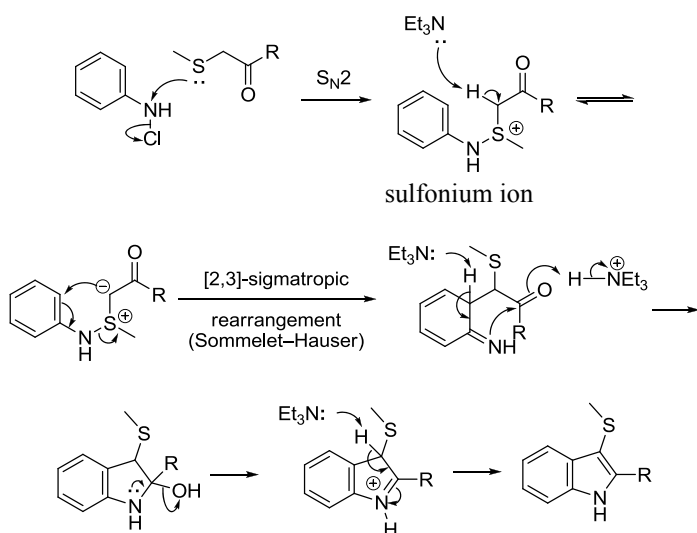
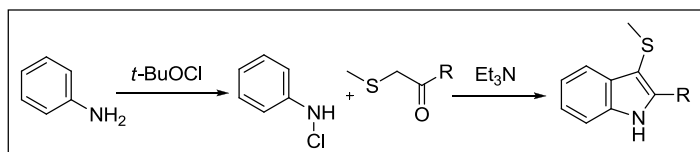
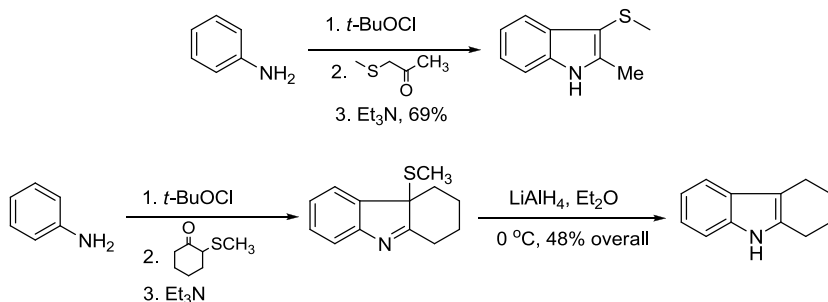


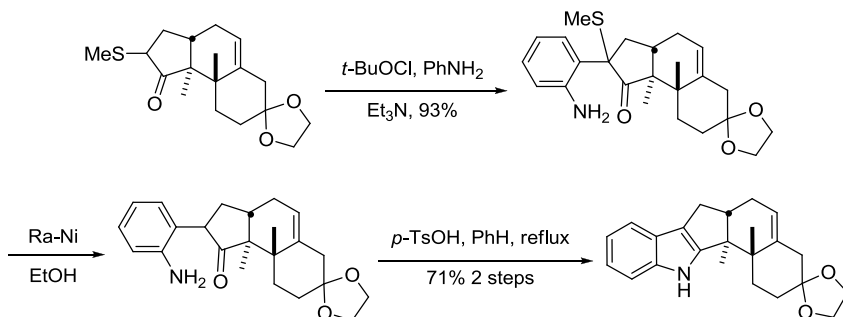
Gassman indole synthesis

The Gassman indole synthesis involves a one-pot process in which a hypohalite, a β -carbonyl sulfide derivative, and a base are added sequentially to an aniline or a substituted aniline to provide 3-thioalkoxyindoles. The mechanism of the Gassman indole synthesis involves a [2,3]-sigmatropic rearrangement (Sommelet–Hauser). The sulfur can be easily removed by hydrogenolysis or Raney nickel.



Example 1¹



Example 2²

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