The Gabriel synthesis is a three-stage procedure used to prepare primary aliphatic amines from the corresponding organic halides.

eg:

\[
\text{PhCH}_2\text{Br} \quad \overset{\text{KOH}}{\longrightarrow} \quad \text{PhCH}_2\text{NH}_2
\]

Stage 1:

**Mechanism**

Stage 2:

**Mechanism**

Stage 3:
Mechanism

Contributors

- Gamini Gunawardena from the OChemPal site (Utah Valley University)