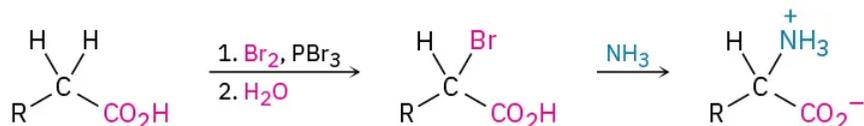


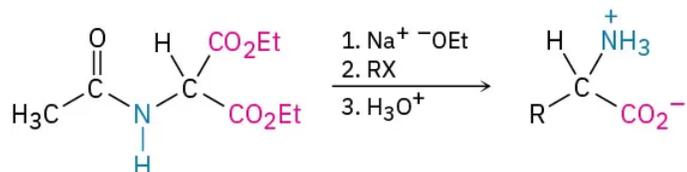
12.13: Summary of Reactions

1. Amino acid synthesis (Section 26.3)

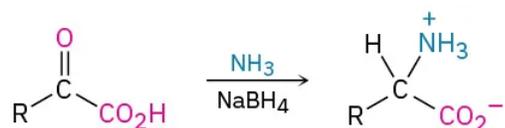
a. From α -bromo acids



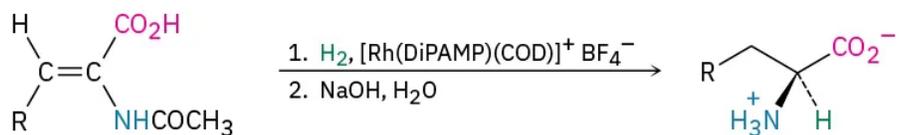
- Diethyl acetamidomalonate synthesis



- Reductive amination of an α -keto acid



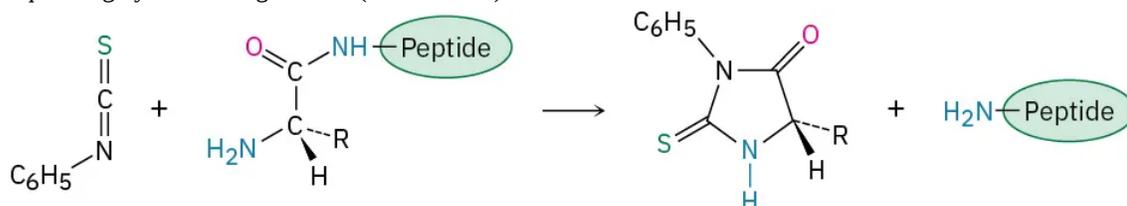
- Enantioselective synthesis



A (Z) enamido acid

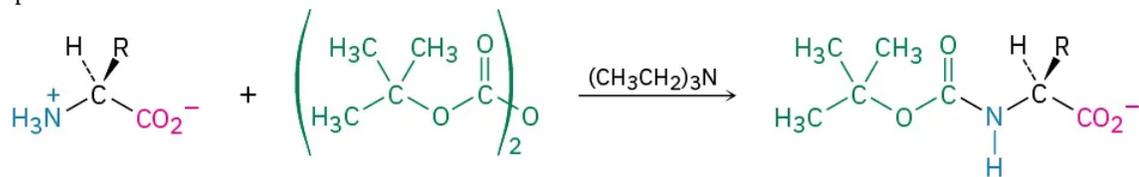
An (S)-amino acid

- Peptide sequencing by Edman degradation (Section 26.6)



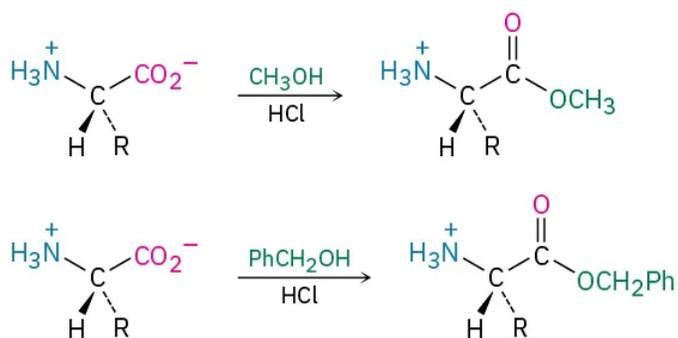
- Peptide synthesis (Section 26.7)

a. Amine protection



Boc-protected amino acid

b. Carboxyl protection



This page titled [12.13: Summary of Reactions](#) is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by [Sol Parajon Puenzo \(Cañada College\)](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.

- [26.15: Summary of Reactions](#) by [OpenStax](#) is licensed [CC BY-NC-SA 4.0](#). Original source: <https://openstax.org/details/books/organic-chemistry>.