

Dipeptide

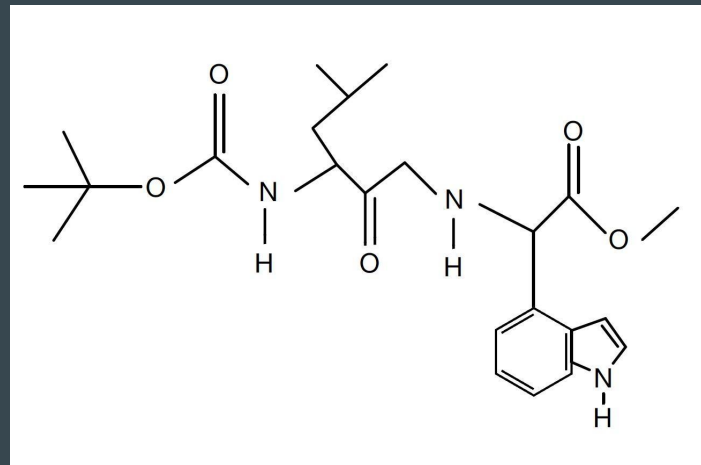
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By: Grace Rodrigues and Carolinne Alberto

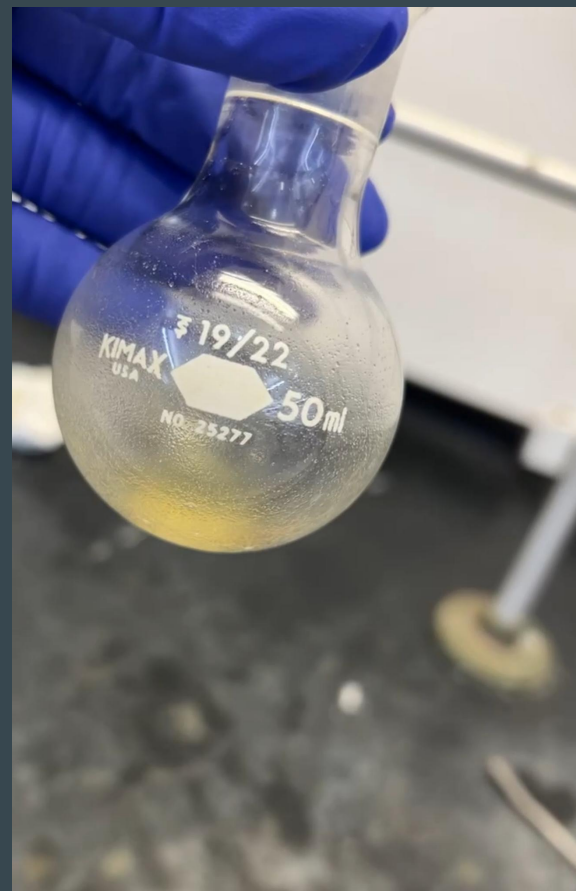
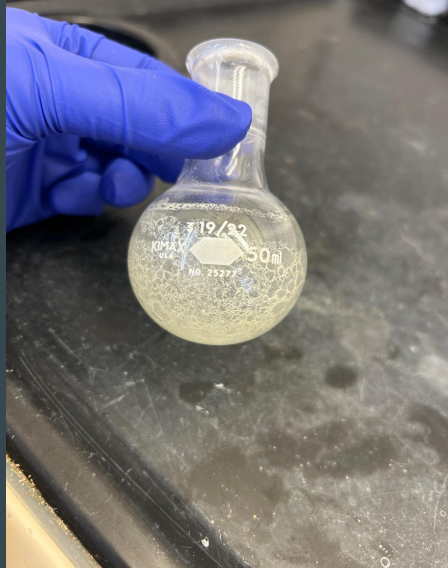
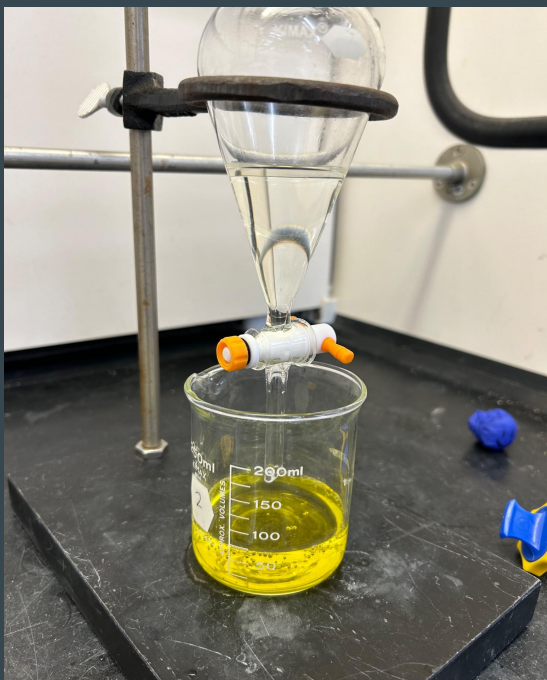
Unknown Number: BOC-60 and CL-60

DATA:

- BOC-60 Mass Used: 0.150g
- 50mL round bottom flask preweighed: 36.609g
- Weight of unknown + flask: 36.731g
- Unknown Weight: 0.122g
- Percent yield= 81%

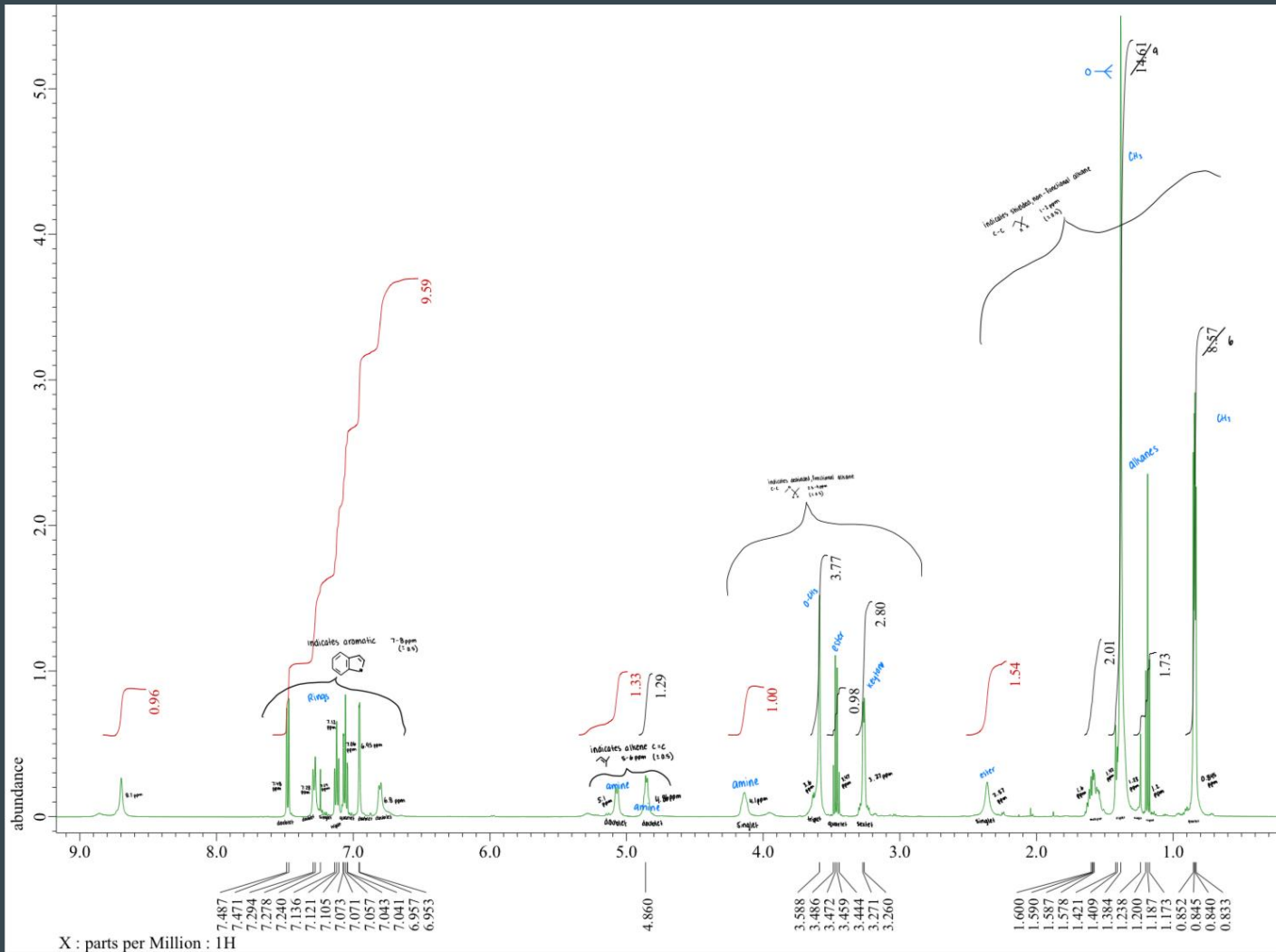
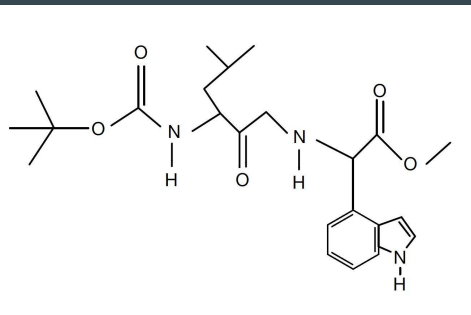


Observations



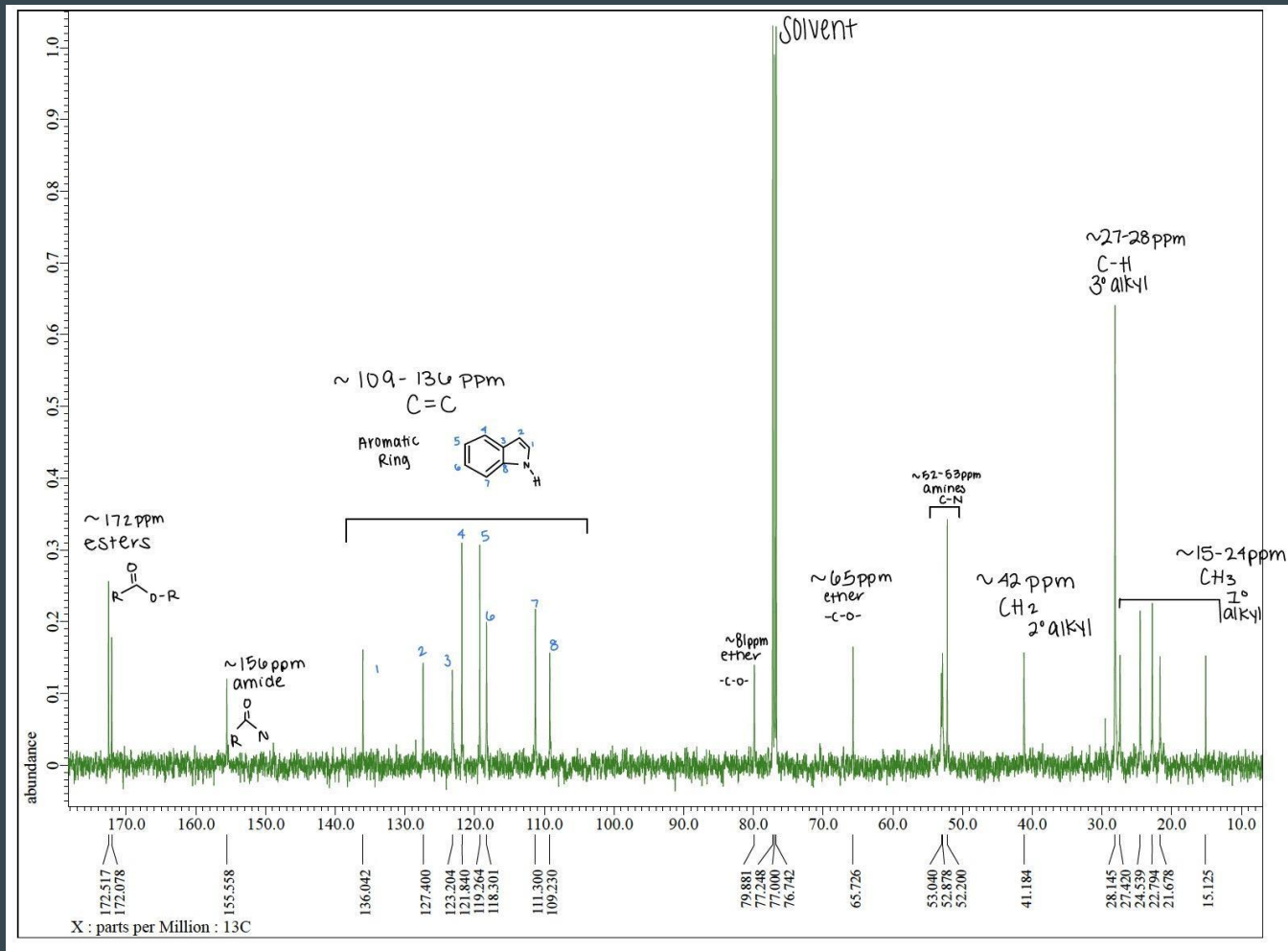
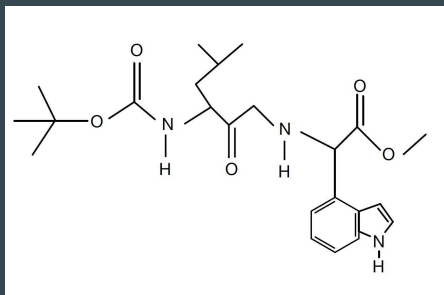
1H NMR

- Rings
- Amines
- Esters
- Ketones
- Alkyl groups



^{13}C NMR

- Esters
- Rings
- Amides
- Ethers
- Amines
- Alkyl groups



Unknown #: BOC-60, CI-60

Our two amino acids are: Leucine and Tryptophan

- IUPAC
 - Boc-Trp-Leu-OMe
- MW
 - 451.51 g/mol
- Molecular Formula
 - C₂₃H₃₂N₃O₅

