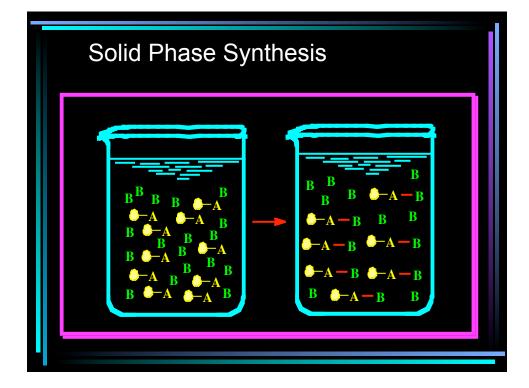
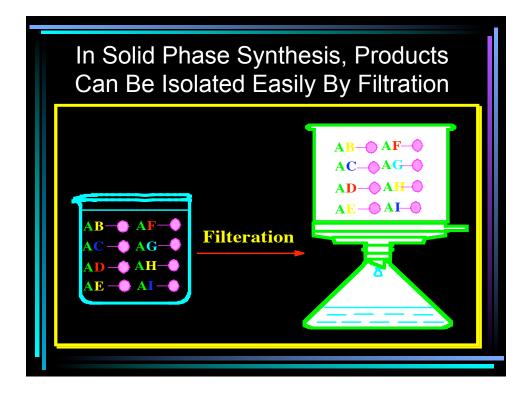
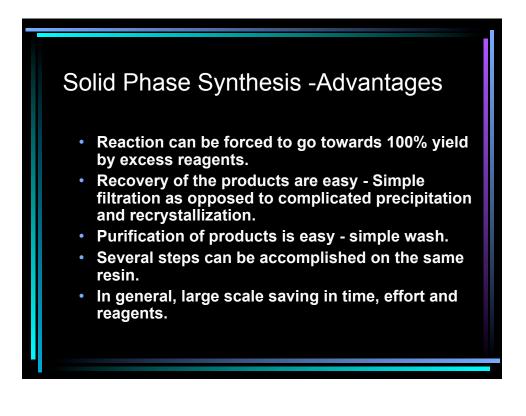


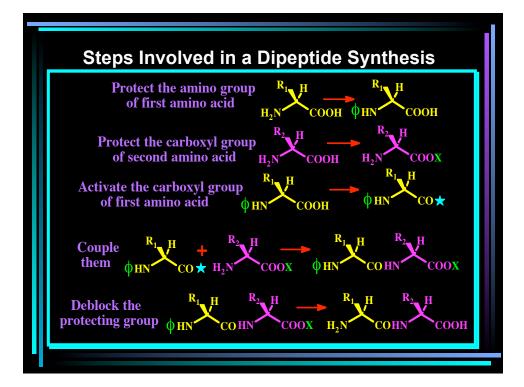
## Synthesis of peptide by conventional method

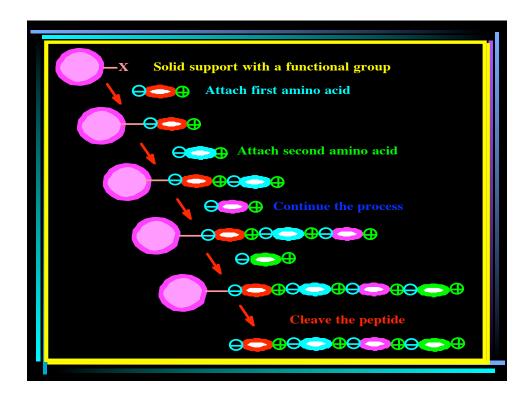
- Time consuming
- Laborious
- Complicated purification needed
- Low yield

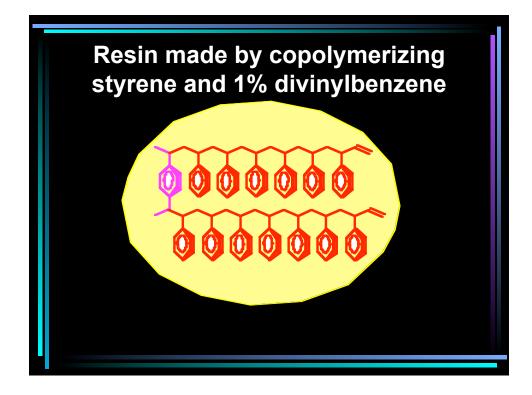


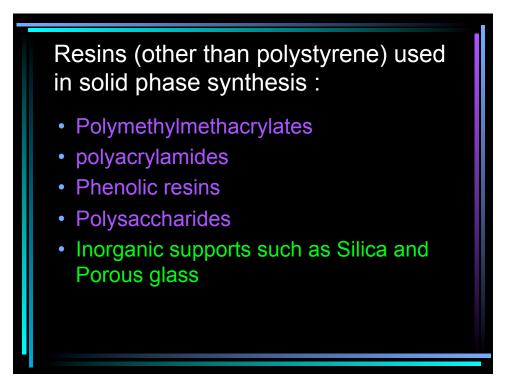


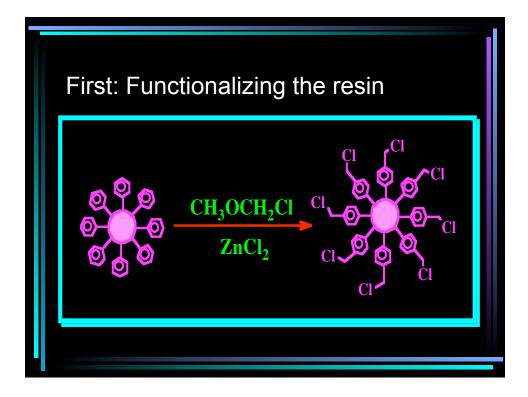


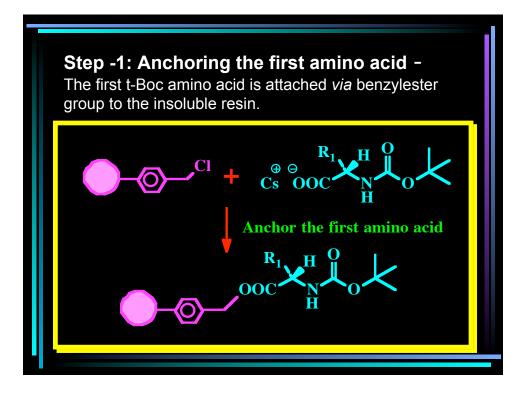


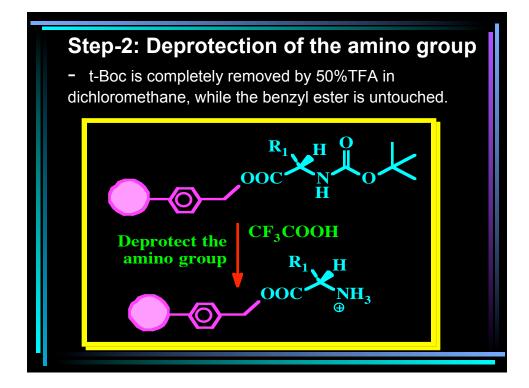


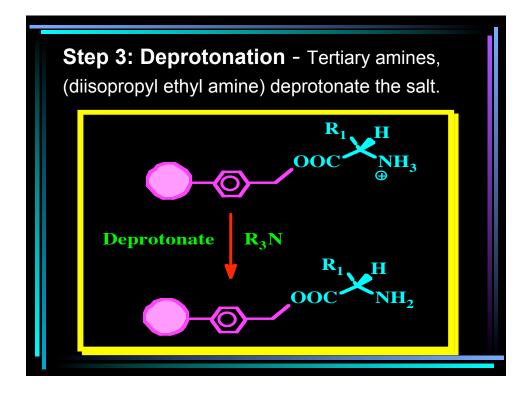


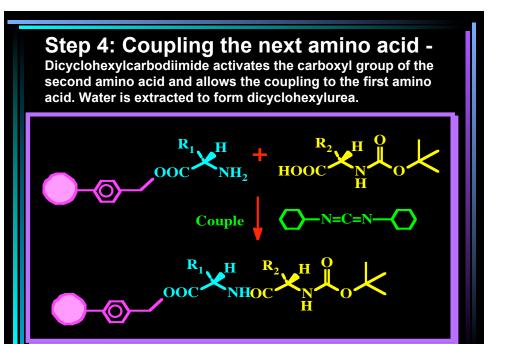


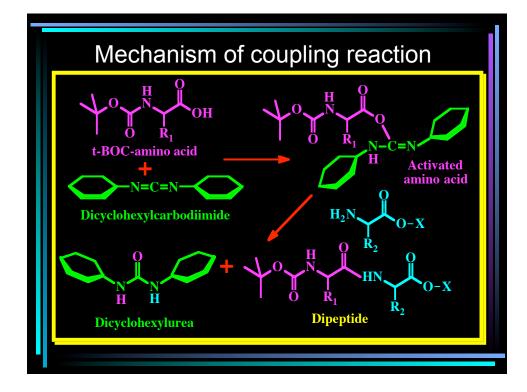


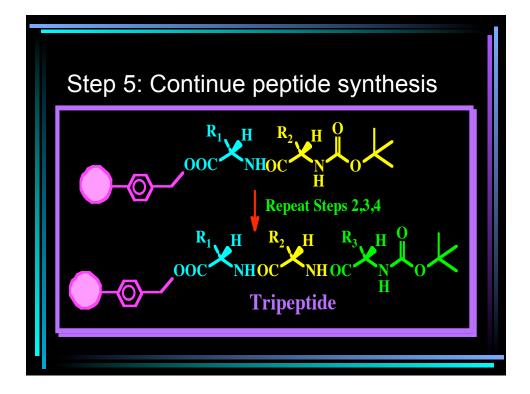


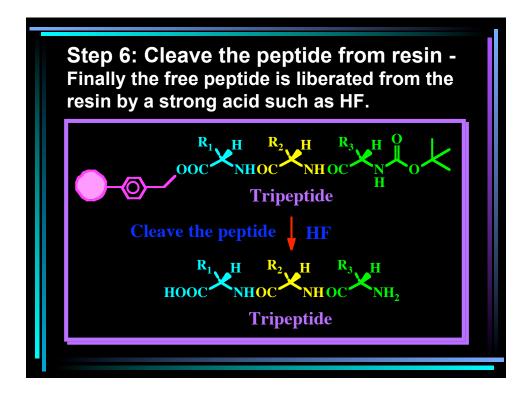


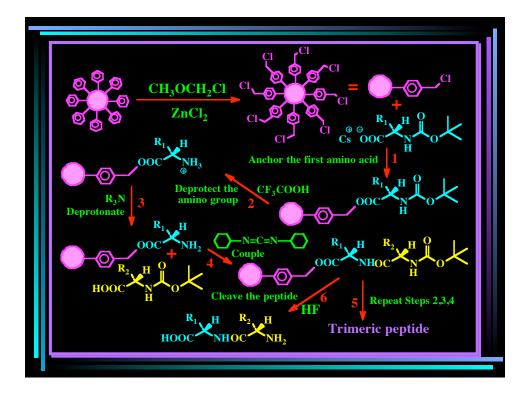


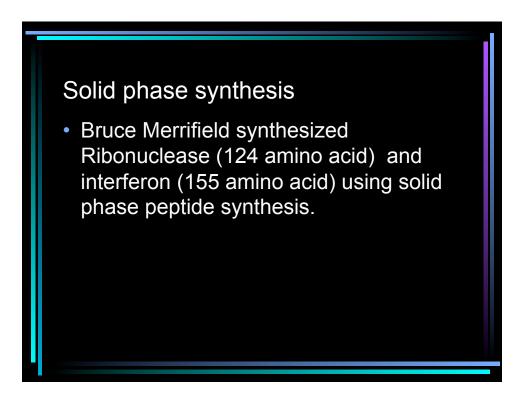


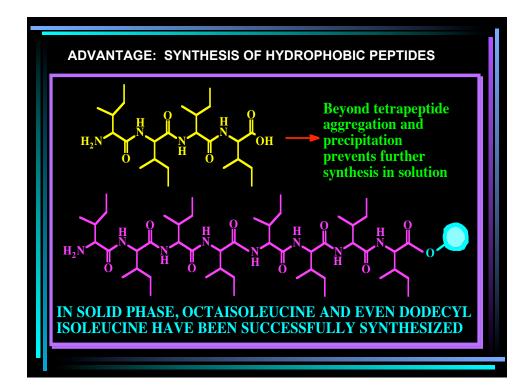












For a 50 amino acid peptide synthesis, how coupling efficiency at each step affects the final purity of the product.	
COUPLING EFFICIENCY (%)	PURITY OF PRODUCT (%)
100.0	100.0
99.99	99.15
99.9	94.79
99.5	77.60
99.0	60.44

