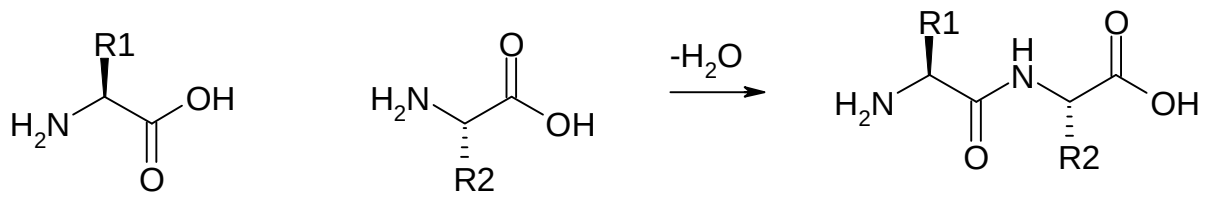


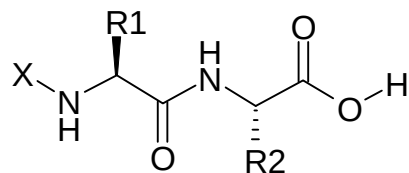
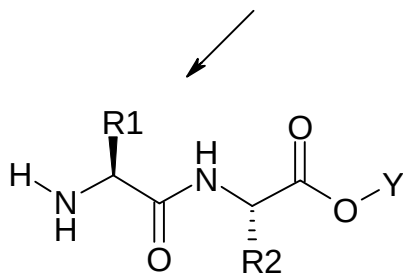
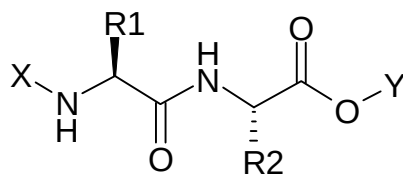
Prinzip der Peptidsynthese



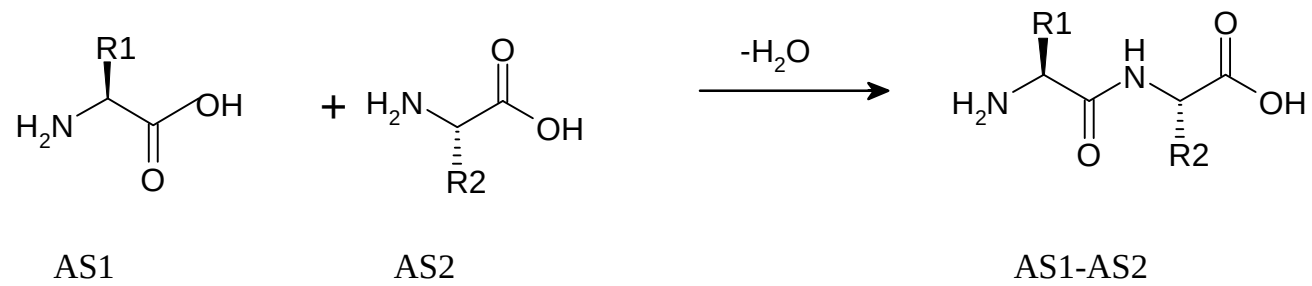
Schützen



Kuppeln

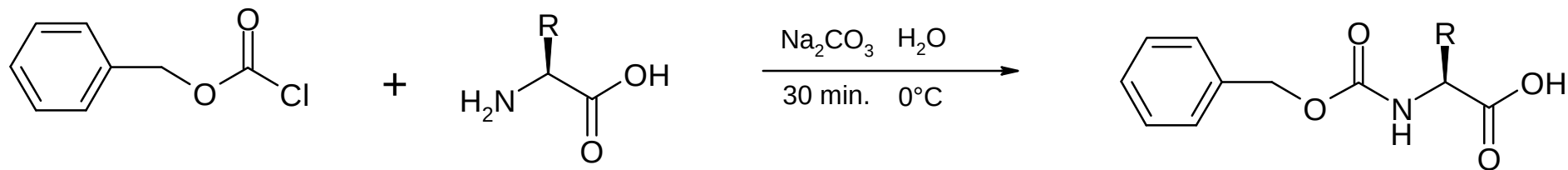
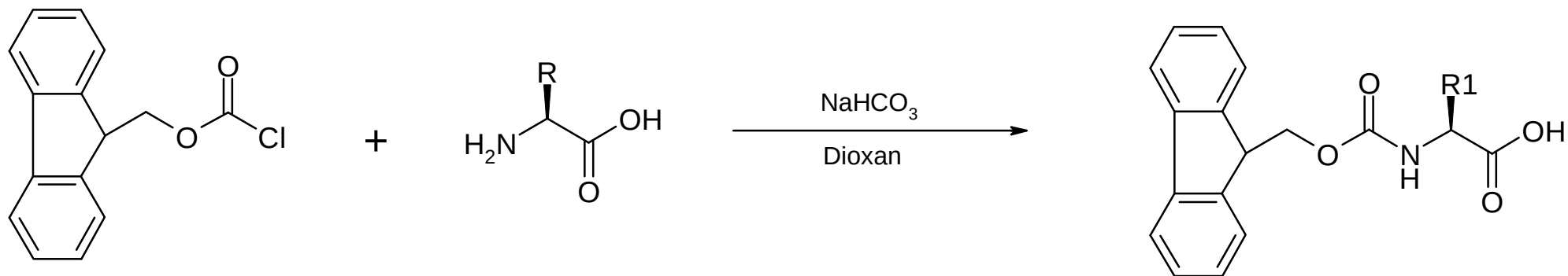
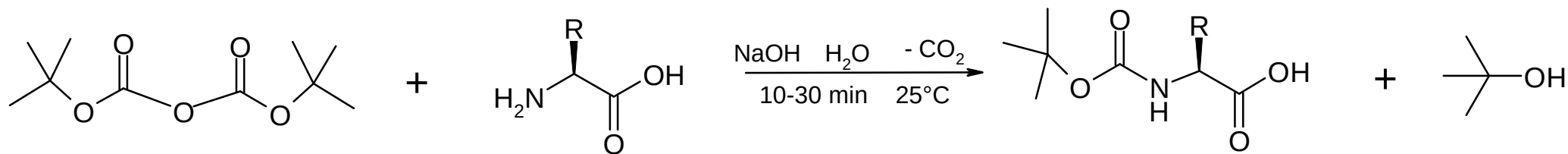


Entschützen

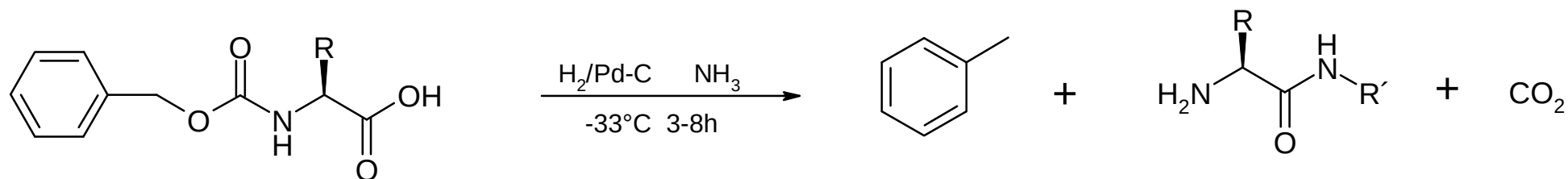
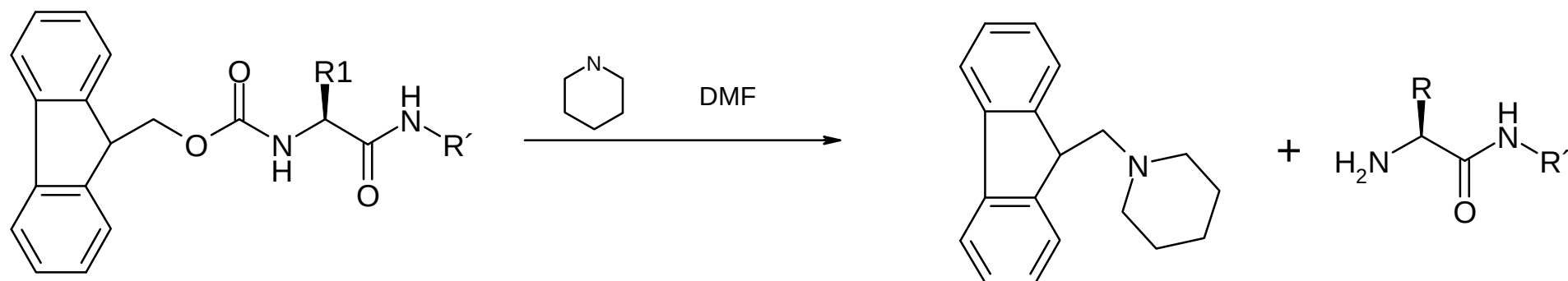
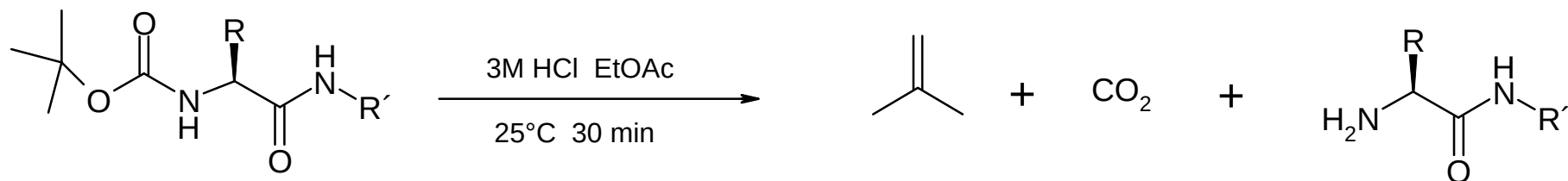


Bei der Synthese entsteht nicht selektiv ein Produkt.
 => Notwendigkeit von Schutzgruppen.

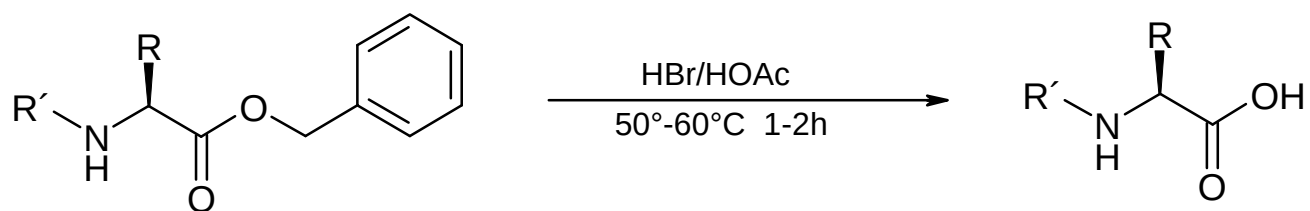
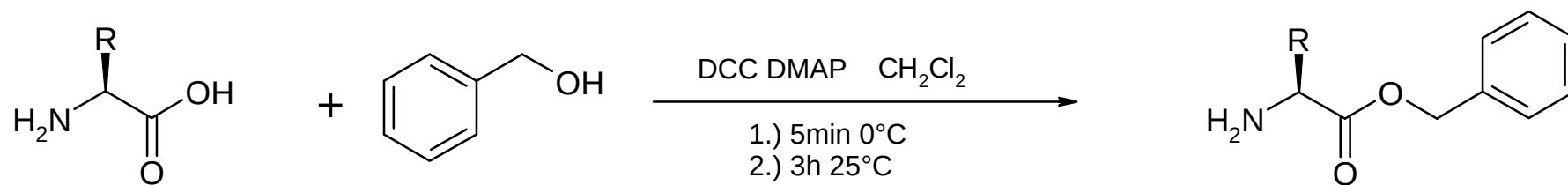
Schützen der Aminofunktion



Entschützen der Aminofunktion

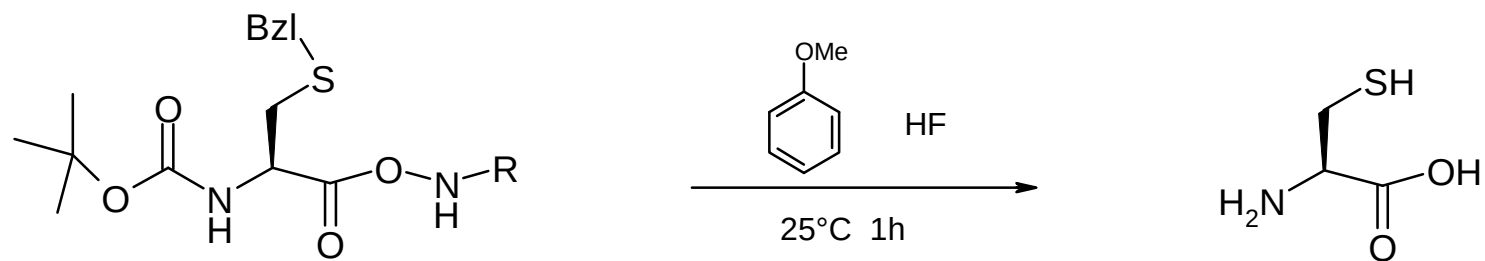
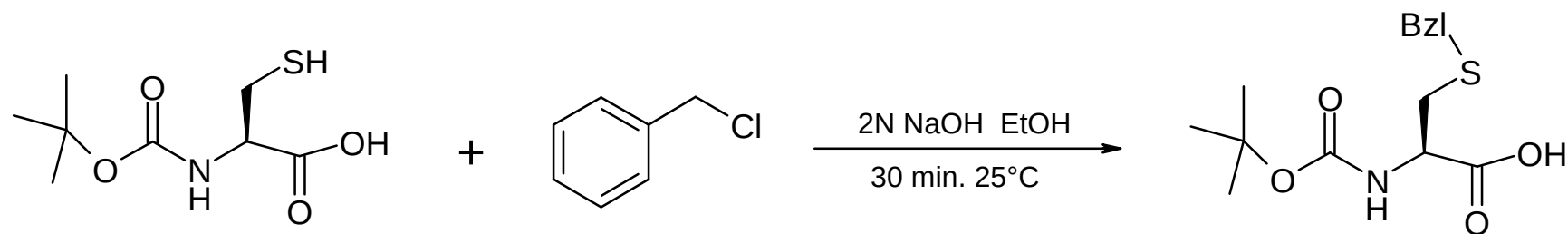


Schützen und entschützen der Carboxylfunktion

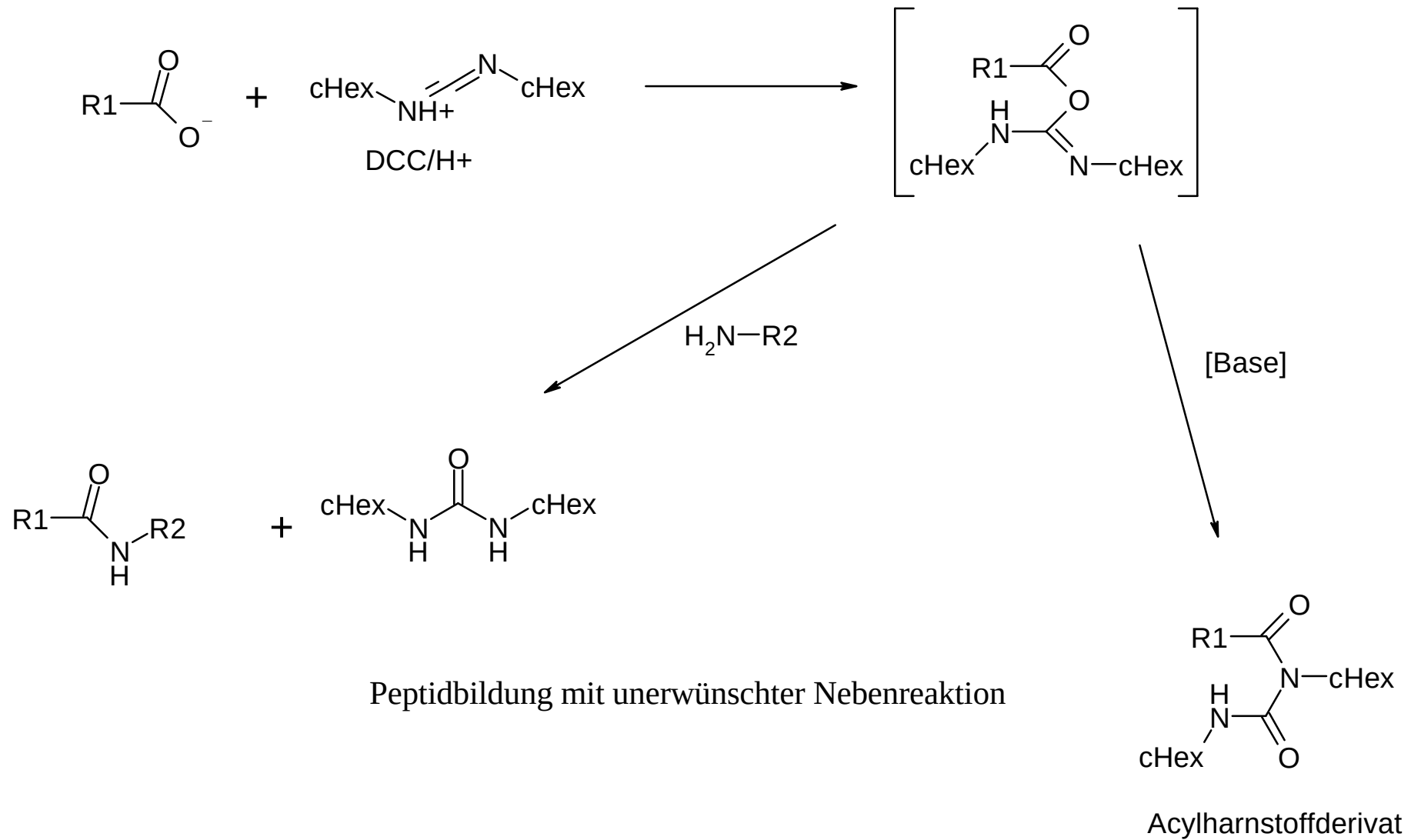


Schützen und entschützen einer Seitenkette

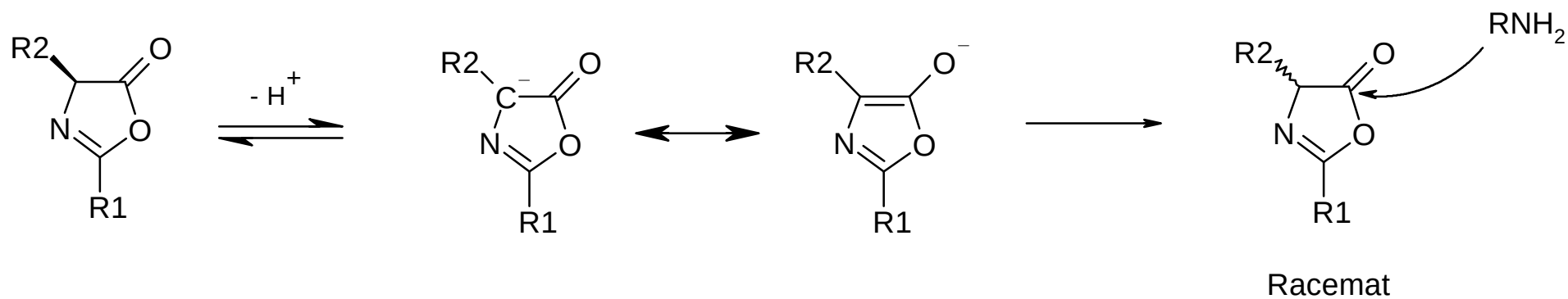
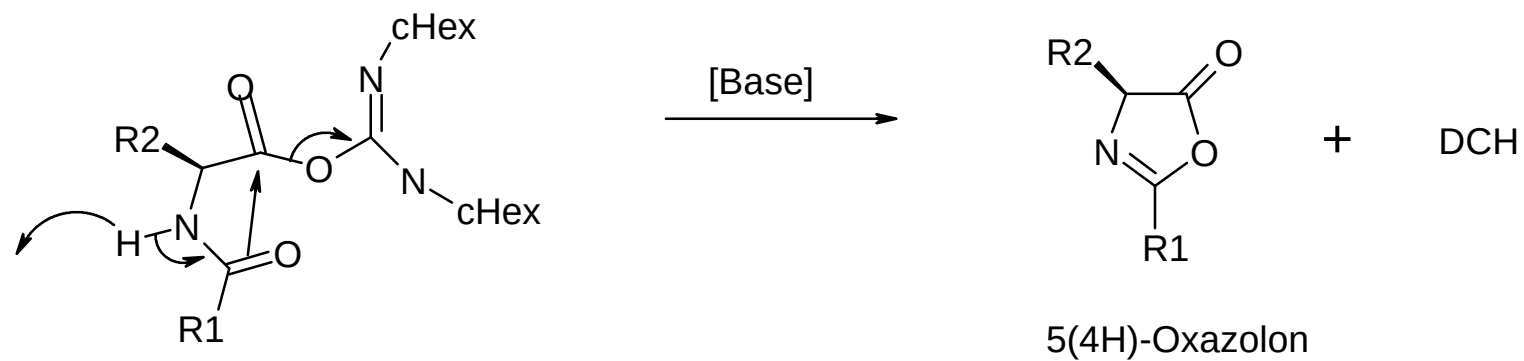
SH am Cystein



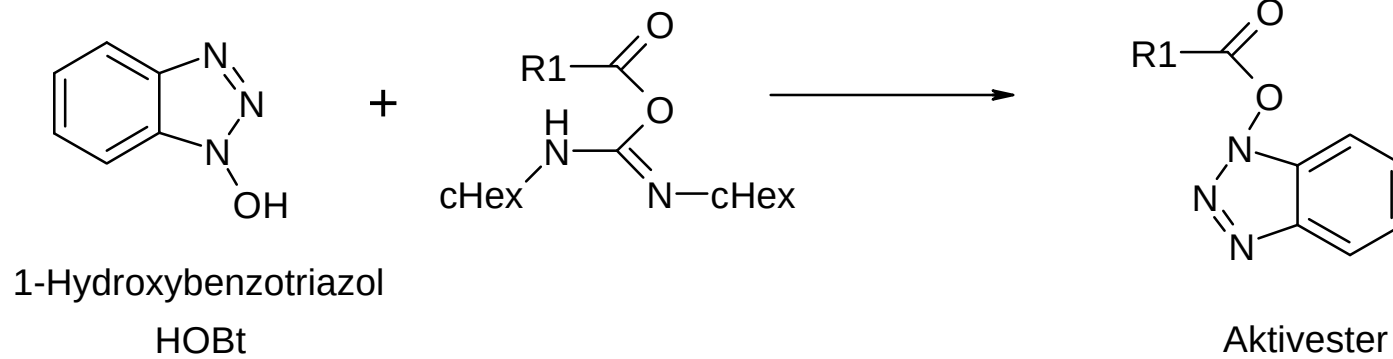
Aktivierung der Carboxylfunktion mit DCC



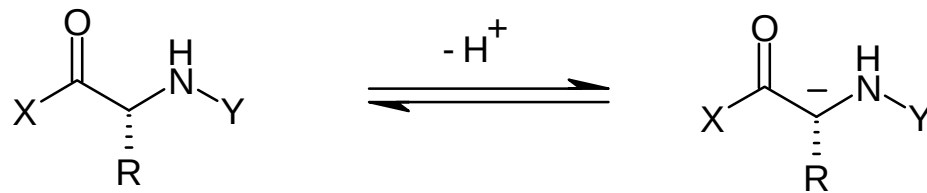
Gefahr der Racemisierung bei der Anwendung von DCC



Zugabe eines Additivs zur Vermeidung der Bildung eines Acylharnstoffderivates



Enolisierungsmechanismus



Literatur

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