

## **Abstract**

This diploma thesis deals with the stereoselective addition reaction of benzothiophenone derivatives to ketimines derived from isatin using bifunctional organocatalysis.

The stereoselective addition reaction was optimized to provide the appropriate reaction conditions which were subsequently used to study the scope of the reaction.

## **Keywords**

Organocatalysis, stereoselective synthesis, bifunctional organocatalysts, ketimines, sulphur heterocycles.