

STEVE POHLER CHEMICAL CONCENTRATION BOEHRINGER-INGELHEIM GMBH INGELHEIM AM RHEIN, DE

Objectives:

- Optimize yield and process conditions in a reaction scheme, for the preparation of an active drug component in a Hepatitis C formulation.
- Synthesize impurities found in the pilot plant phase, as reference substances for chemical characterization by the Analytical department.
- Learn about how active pharmaceutical products are developed, tested and produced.



Boehringer-Ingelheim is a privately owned international pharmaceutical company, focused primarily on research and development. I interned in a process development laboratory running a variety of different reactions and learning new lab techniques. The work required a working knowledge of organic chemistry and engineering, and through practice, enabled me to develop those skills in a very practical way. Internships are a very important part of engineering education.

Learning company culture and how a project team works together was an important part of my experience this summer. Additionally, I was able to learn both conversational German from coworkers, and technical German, through writing lab protocols.



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