Abstract

This bachelor thesis deals with the synthesis of halogenated benzylamine derivatives, useful as basic building blocks of potential aldose reduktase inhibitors. Aldose reductase plays a key role in the prevention of late complications of the diabetes mellitus. Desired amines were synthesized from commercially available halogenated aromatic derivates. In selected cases of amines are also compared different synthetic approaches, for example strategies based on halogenated benzoic acid derivatives.