

## **Abstract**

This bachelor thesis is focused on research of reactivity of azido derivatives of levoglucosan with triphenylphosphine and tris(pyrrolidine)phosphine. The ultimate goal of this thesis was preparation of until now unpublished phosphazenes to make them available for practical utilization. Two of them were successfully prepared in crystallic form. Better results were with 2- or 4-azido derivatives of levoglucosan. In general reactivity of anhydro derivatives with azido group at C-3 were substantially lower, moreover the product mostly failed to crystallize.