

ABSTRACT

Charles University

Faculty of Pharmacy in Hradec Králové

Department of Pharmaceutical Chemistry and Pharmaceutical Analysis

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Title of Thesis:

Measurement of dissociation constants of potential antituberculotics

This rigorous thesis deals with the measurement of dissociation constants substances newly synthesized at the Department of Pharmaceutical Chemistry and Pharmaceutical Analysis of the Faculty of Pharmacy of Charles University in Hradec Kralove. It is assumed that these substances could serve to treat tuberculosis disease.^[1] The measurement was performed by potentiometric and spectrophotometric method. The match between the results of both methods is usually very good.

Newly synthesized drugs are based on the structure of pyrazinamide and the measured values of dissociation constants should serve as supplementary information in further research.