

Oliver Schürger: Pyrazine derivates as potential drugs IV.

Keywords : tuberculosis, *Mycobacterium tuberculosis*, Directly Observed Treatment Strategy, Multi drug Resistance, pyrazinamide

Abstract of Diploma Thesis: This review is about worldwide problem of tuberculosis and about new trends in its treatment. Also chemical search about methods of preparing substituted amides of pyrazinecarboxylic acid and pyrazine-2,5-dinitril was done. All products were characterized by melting point, TLC, elemental analysis, IR analysis, log P and some of the final products have also ^1H , ^{13}C NMR spectra made. Products were not been tested in biological studies yet.