

Téma diplomové práce	Investigation of sugar modified pyrimidine nucleosides as potential inhibitors of thymidine (TP) and uridine (UP) phosphorylase
Jméno studenta, studentky	Markéta Růžičková
Jméno vedoucího diplomové práce	Doc. Ing. Vladimír Wsól, Ph.D.

I. Posudek vedoucího diplomové práce

Diplomantka Markéta Růžičková vypracovala svou diplomovou práci v rámci programu Erasmus na zahraničním pracovišti. Svou práci dělala na katedře farmaceutické chemie farmaceutické fakulty na univerzitě v Kuopiu pod vedením prof. Seppo Lapinjokiho, který byl s jejím přístupem i pracovním úsilím spokojen (viz příloha).

Navrhovaná klasifikace **výborně**

V Hradci Králové dne 30.5.2008



Podpis vedoucího diplomové práce

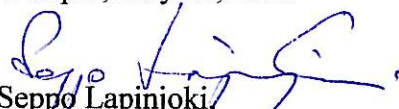


Statement on M.Sc. thesis

Ms. Markéta Růžičková carried out the experimental part of her thesis INVESTIGATION OF SUGAR MODIFIED PYRIMIDINE NUCLEOSIDES AS POTENTIAL INHIBITORS OF THYMIDINE (TP) AND URIDINE (UP) PHOSPHORYLASE at the Department of Pharmaceutical Chemistry, University of Kuopio, Finland during 2006 as an exchange student. The research was made as part of a major project entitled "Biocatalysts for producing pharmaceutical nucleoside analogues", which was led by the undersignee. Other senior researchers involved in the project were Prof. Alex Azhayev and Prof. Igor Mikhailopulo, the latter acting as the principal instructor for Ms. Růžičková.

I have now examined the final version of the thesis, which consists of a thorough literature review on the subject and description of the work, its results and their discussion. Ms. Růžičková was able to carry out the work carefully and rather independently, the results were useful for the project, and they are clearly described and appropriately discussed in the thesis. The literature review is well written and covers all essential aspects of the subject. If the thesis is scored using our evaluation practice and the scale from 1 to 7 for the acceptable theses, I would propose 5 for Ms. Růžičková.

Kuopio, May 29, 2008


Seppo Lapinjoki,
Professor, Vice Dean



Department of Pharmaceutical Chemistry

CERTIFICATE OF STUDIES

It is hereby certified that Marketa Ruzickova has visited University of Kuopio as an exchange student under the EU Socrates II/ Erasmus program between August 30th, and December 31st, 2006. During the period she has carried out the Master Thesis practical work on the subject: *Kinetic properties of recombinant uridine phosphorylase and thymidine phosphorylase* at the Department of Pharmaceutical Chemistry.

I served as her instructor, together with prof. Igor Mikhailopulo, and we found Ms Ruzickova to be a skilful and diligent student.

Kuopio, 28. 12. 2006

Seppo Lapinjoki, Ph.D.

Prof. of Pharm. Chem.

Departmental coordinator of student exchange