

Průběh obhajoby diplomové práce:

"Synthesis of FMLF and R-symmetry Decoupling in Solid State NMR"

• giving an outline of the thesis

* fMLF - a synthetic chemotactic peptide

- Methodological approach: demanding procedures; ① fMLF synthesis, formylation, purification and analysis

- formylation of fMLF → purification → difficult Aptide synthesis

- creation of formyl-Met Met Leu Thymylalanine solid phase approach

- chromatography purification

- nicely introduced, interesting results were achieved, as well as presentation was excellent

② R-symmetry Decoupling in solid state NMR - second part of the thesis: Glycin used as an AA investigated

Body:

Klasifikace:

Celková klasifikace:

Datum obhajoby: Sept 5/2016

Adamantane reagent; R-Decoupled

Excellent work, highly demanding, IN EPT

done in two topics Gilliam M. P.

podpis předsedy

Hodnocení ústních zkoušek:

* fMLF - a start of peptide synthesis in bacterial at a part of the signal peptide

Kaiser test - solid phase synthesis; ninhydrin reaction - TLC plates