

Supplementary Material

Synthesis of racemic and enantiopure building blocks for naturally occurring hydroporphyrins: chlorophyll α and bonellin

Ingrid Gesing^a and Franz-Peter Montforts^{*b}

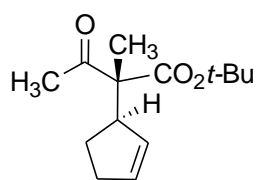
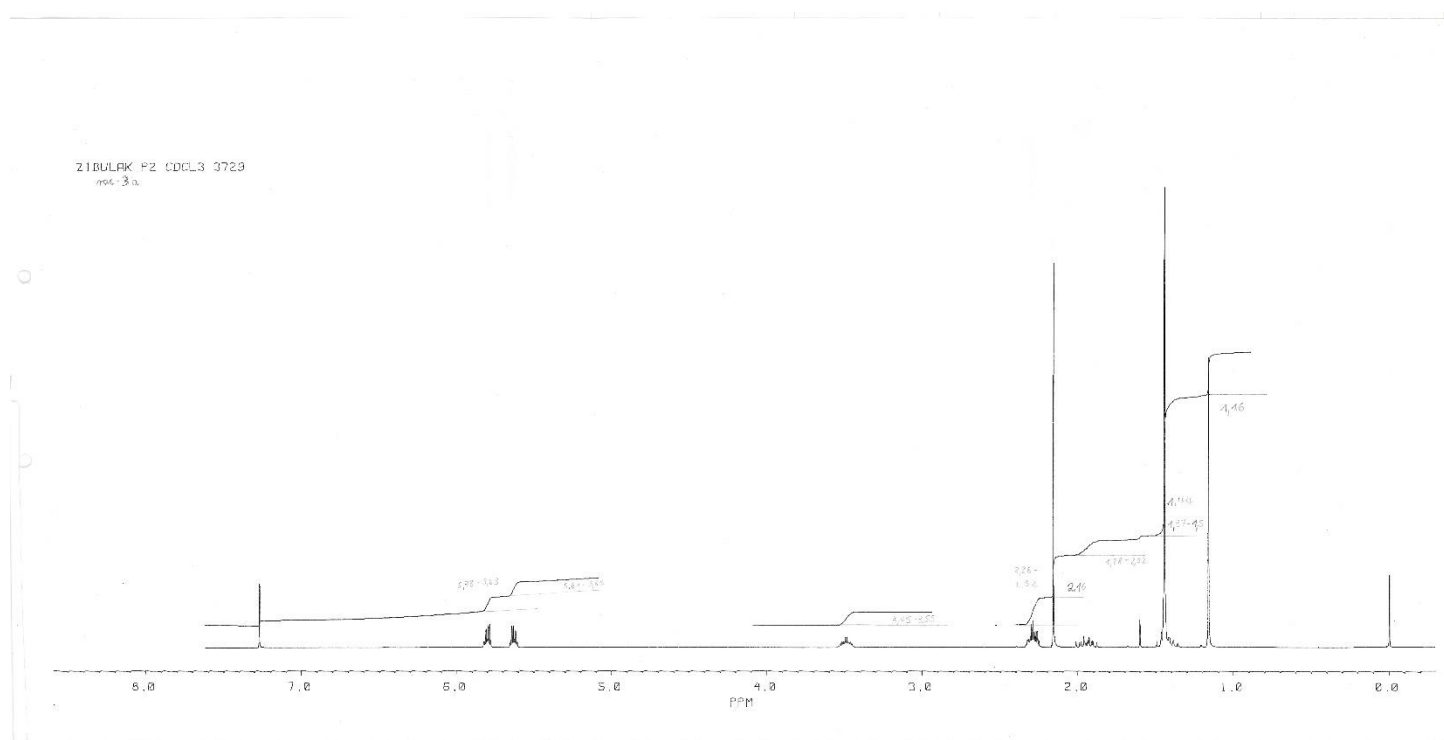
^aHeubach Colorants Germany GmbH, Frankfurt

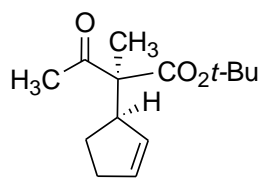
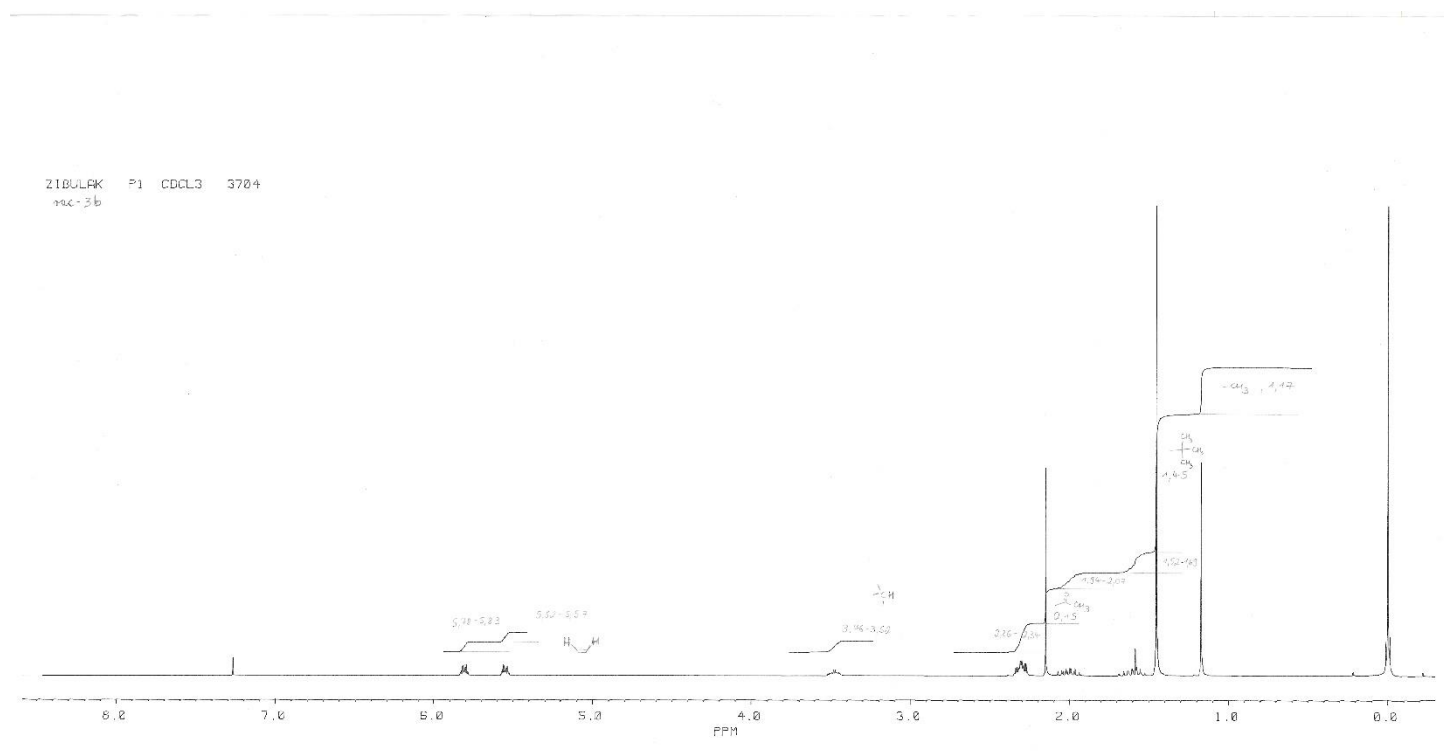
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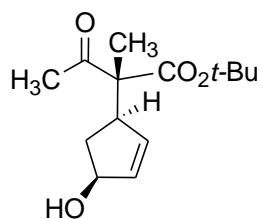
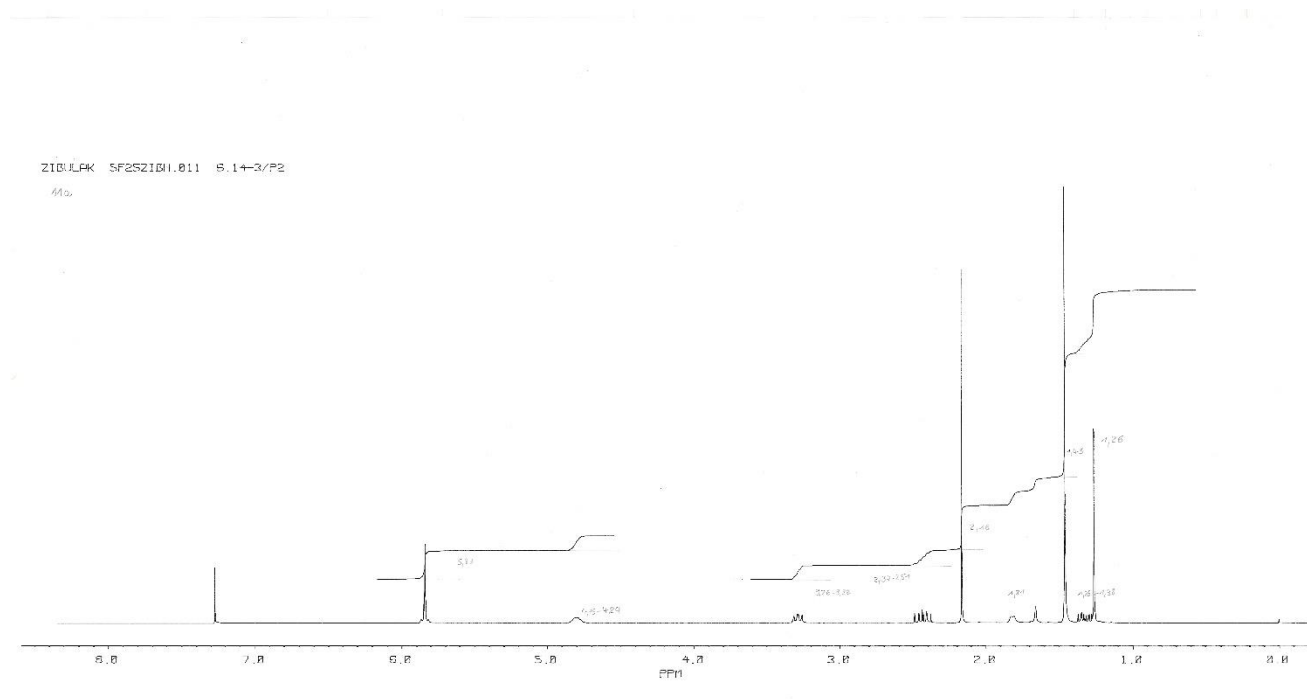
Email: mont@uni-bremen.de

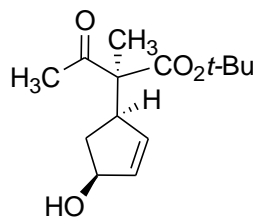
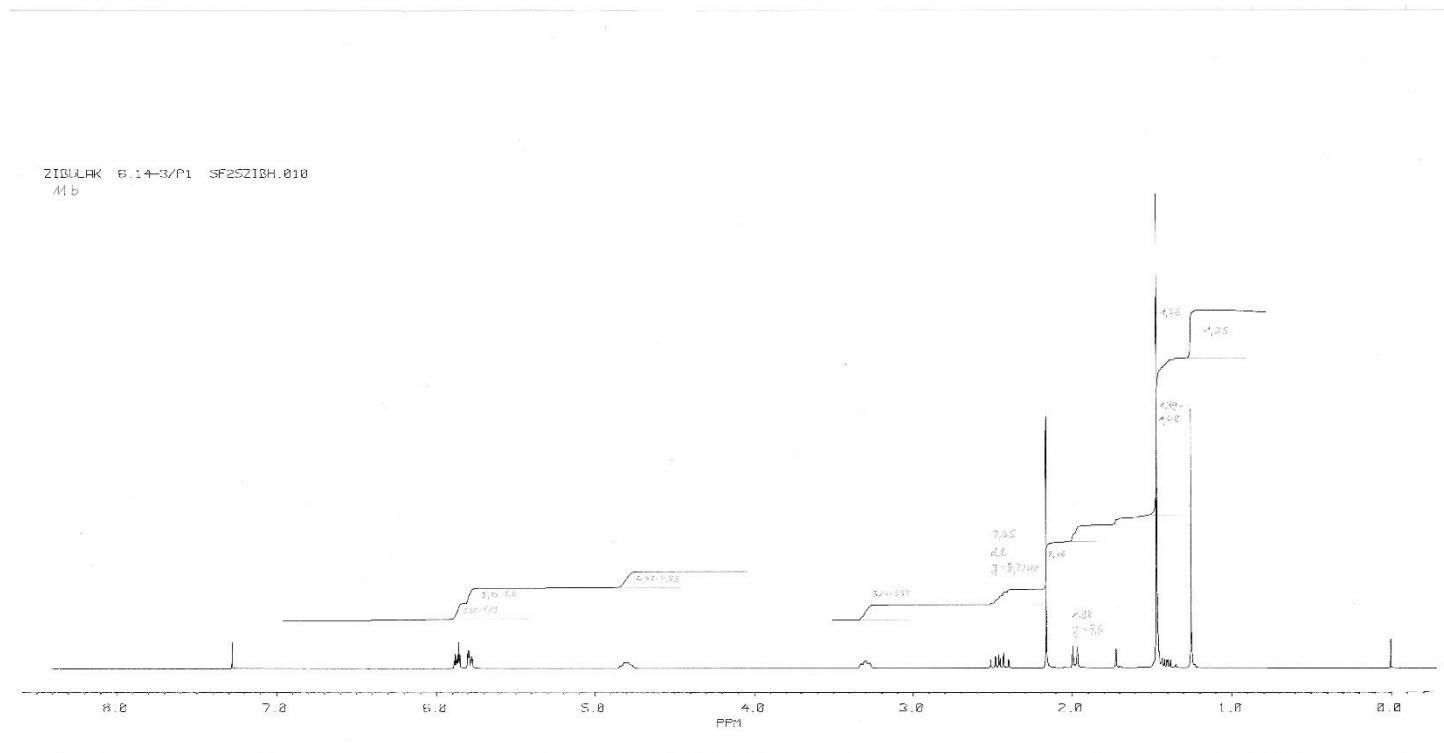
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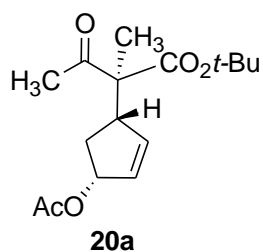
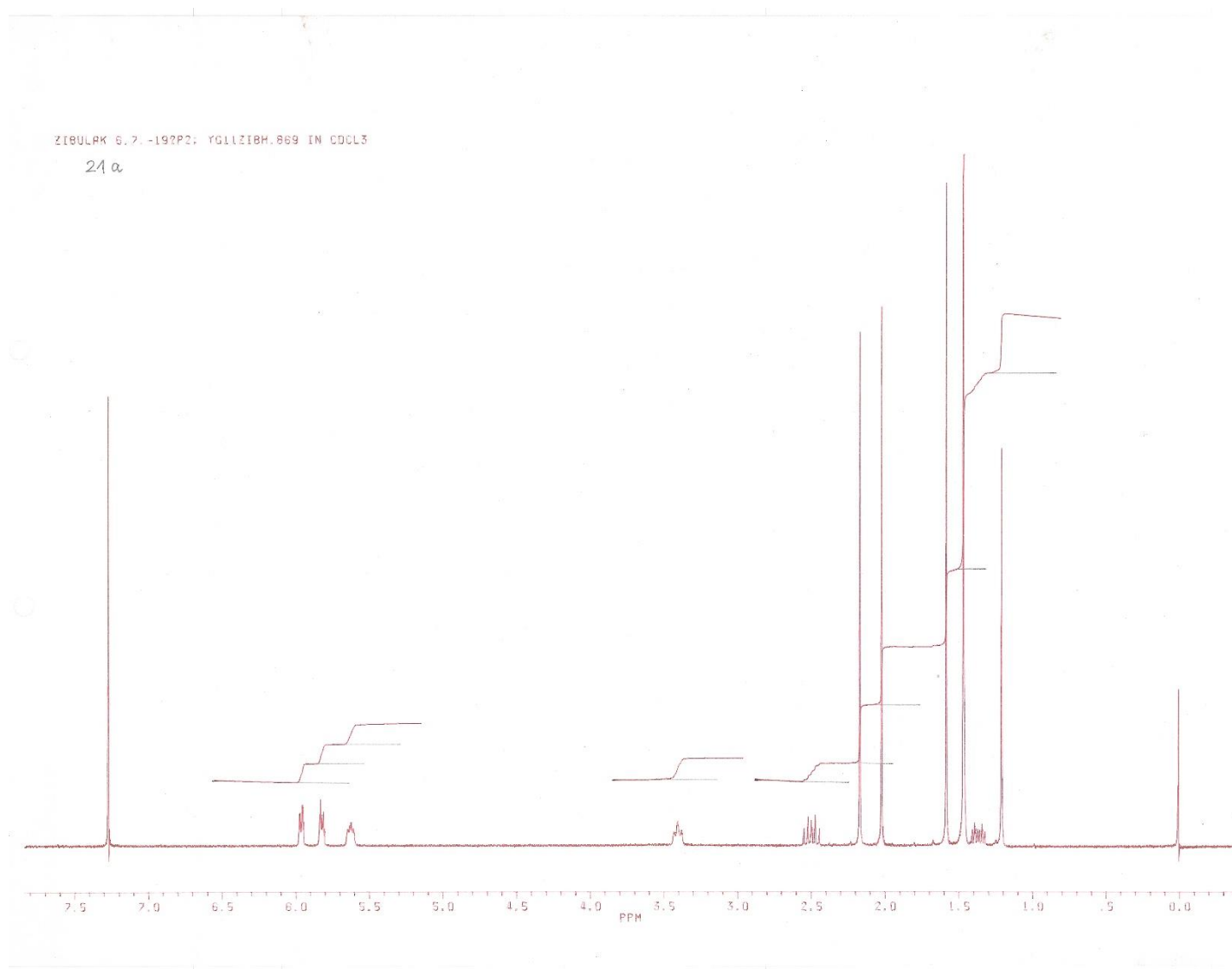
1. Compound <i>rac-3a</i>	¹ H NMR spectrum.....	S2
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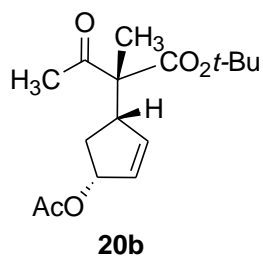
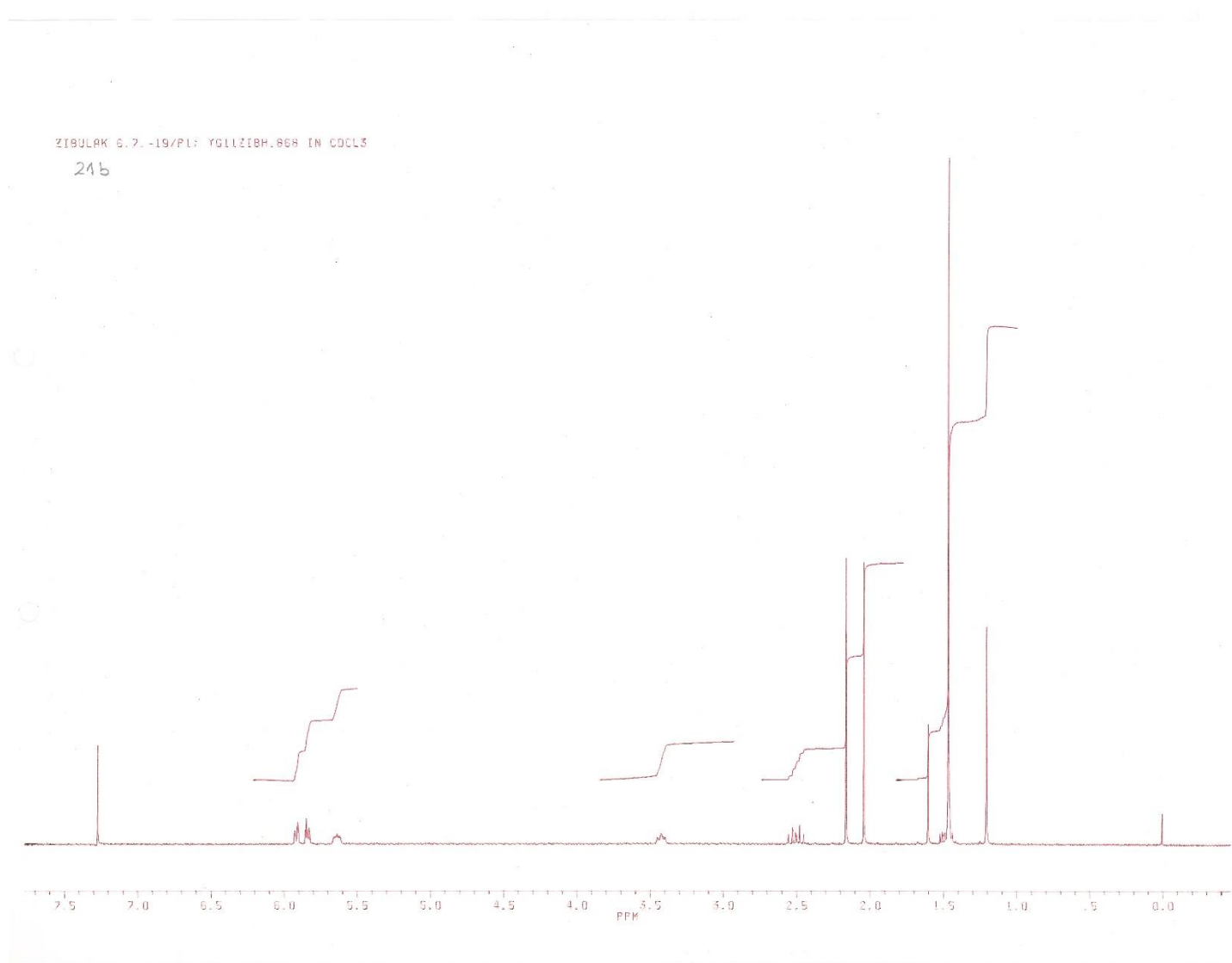
Compound *rac*-3a*rac*-3a **^1H NMR (270 MHz, CDCl_3)**

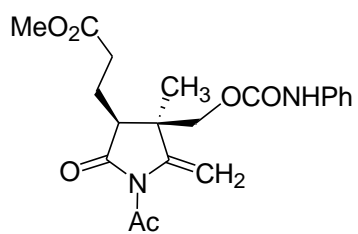
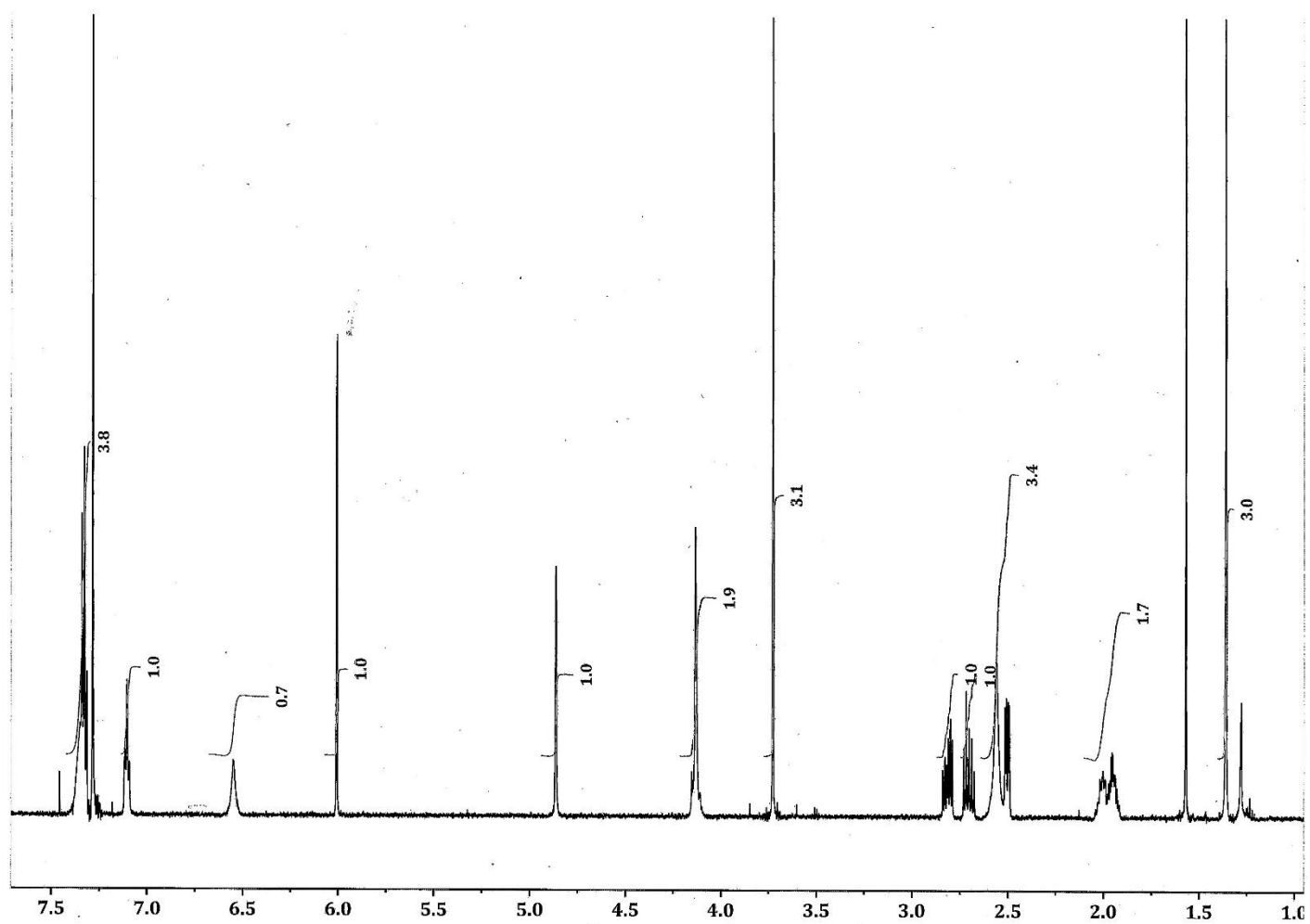
Compound *rac*-3b*rac*-3b**¹H NMR (270 MHz, CDCl₃)**

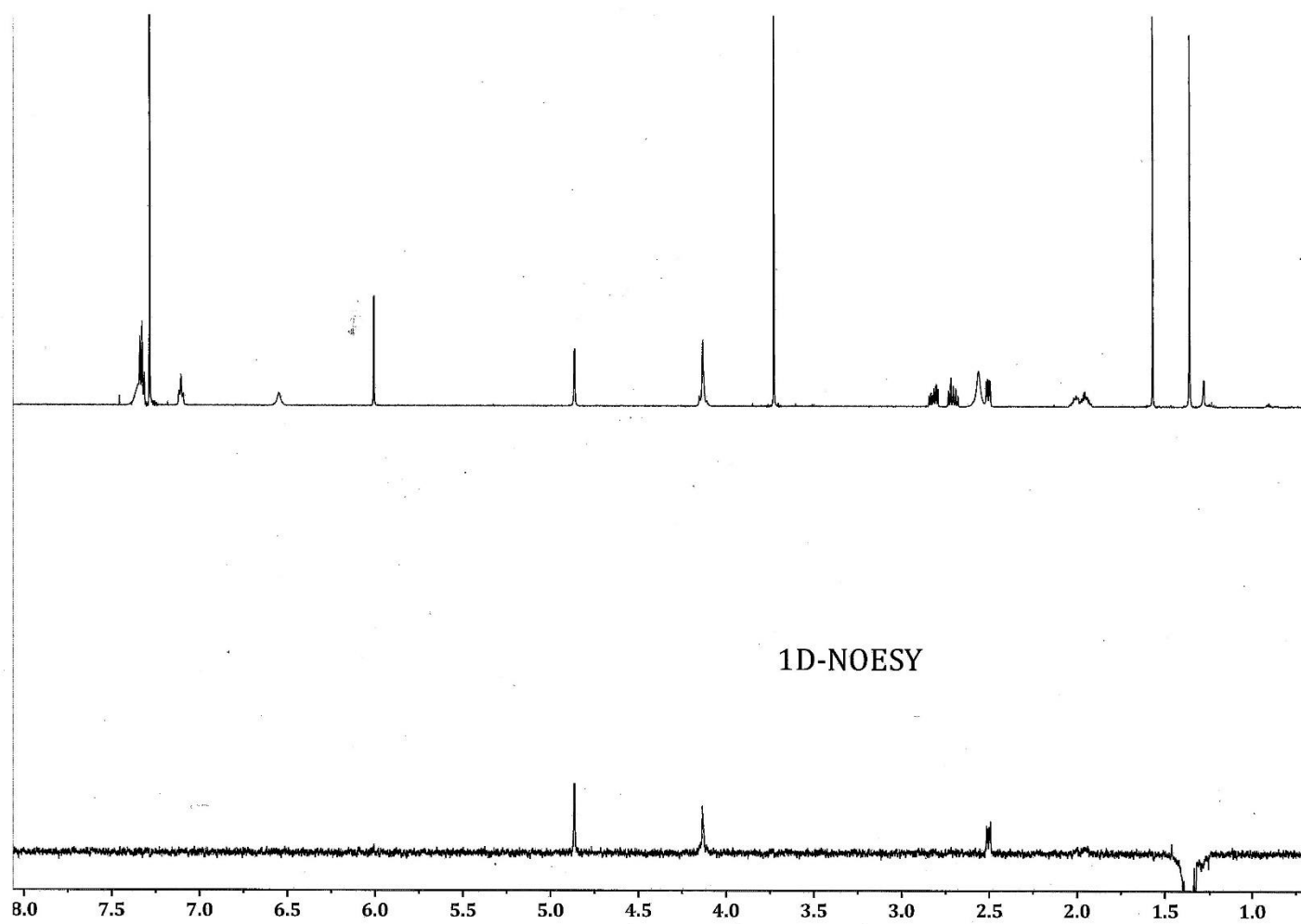
Compound 10a**10a****¹H NMR (270 MHz, CDCl₃)**

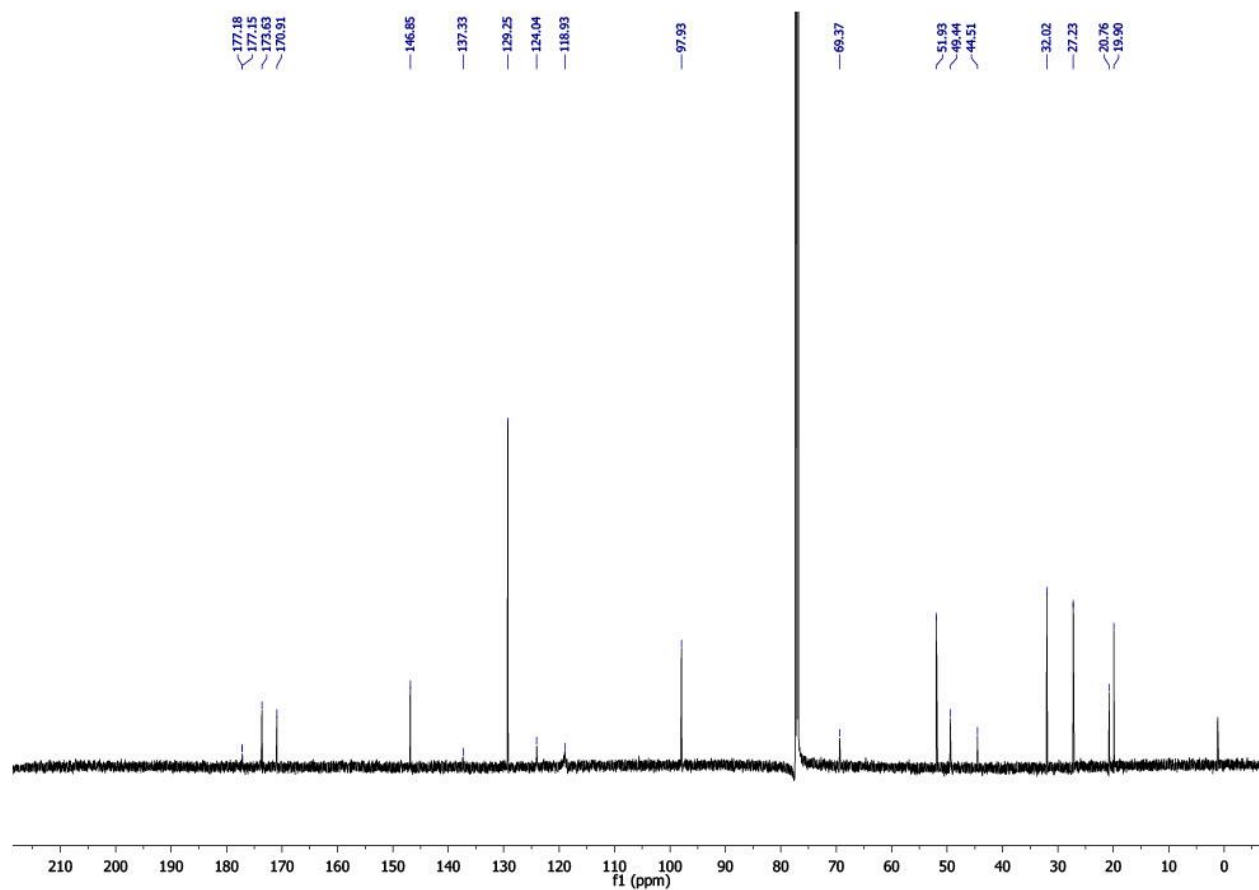
Compound 10b**10b****¹H NMR (270 MHz, CDCl₃)**

Compound 20a**¹H NMR (270 MHz, CDCl₃)**

Compound 20b**¹H NMR (270 MHz, CDCl₃)**

Compound *rac-7a**rac-7a***¹H NMR (600 MHz, CDCl₃)**

^1H NMR, 1D NOESY (600 MHz, CDCl_3)

^{13}C NMR (600 MHz, CDCl_3)

HSQC (600 MHz, CDCl₃)