
Dual-targeting gold nanoparticles: simultaneous decoration with ligands for co-transporters SGLT-1 and B⁰AT1

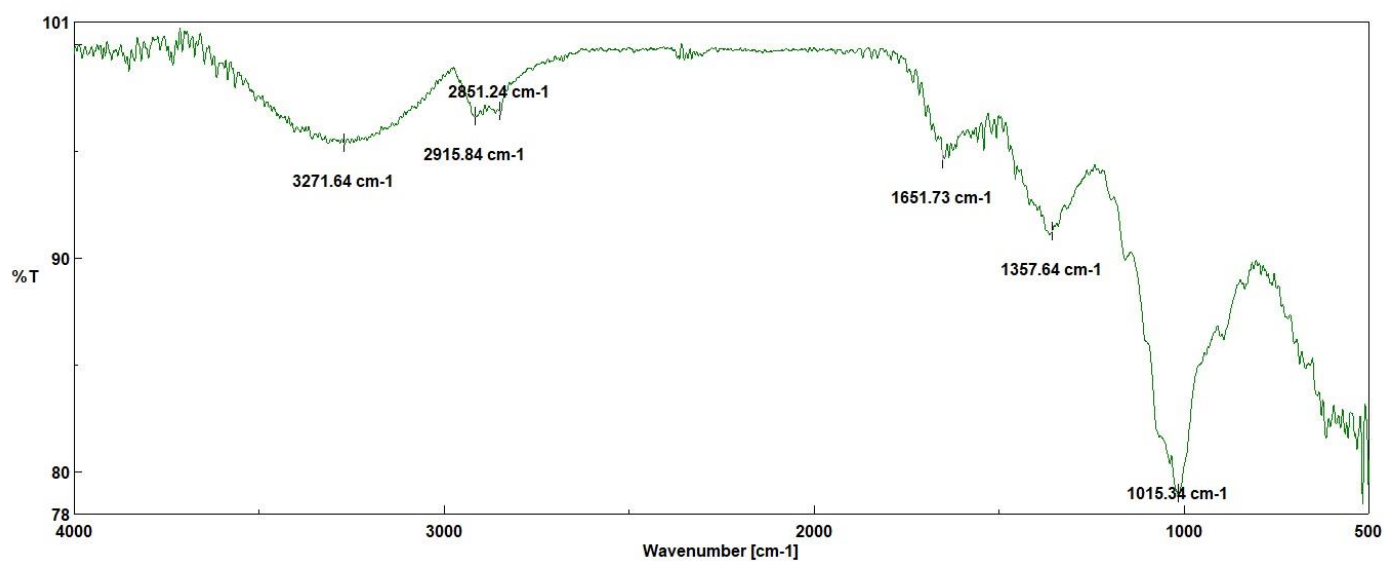
Giuseppe D'Orazio, Marco Marradi and Barbara La Ferla

Supplementary Materials

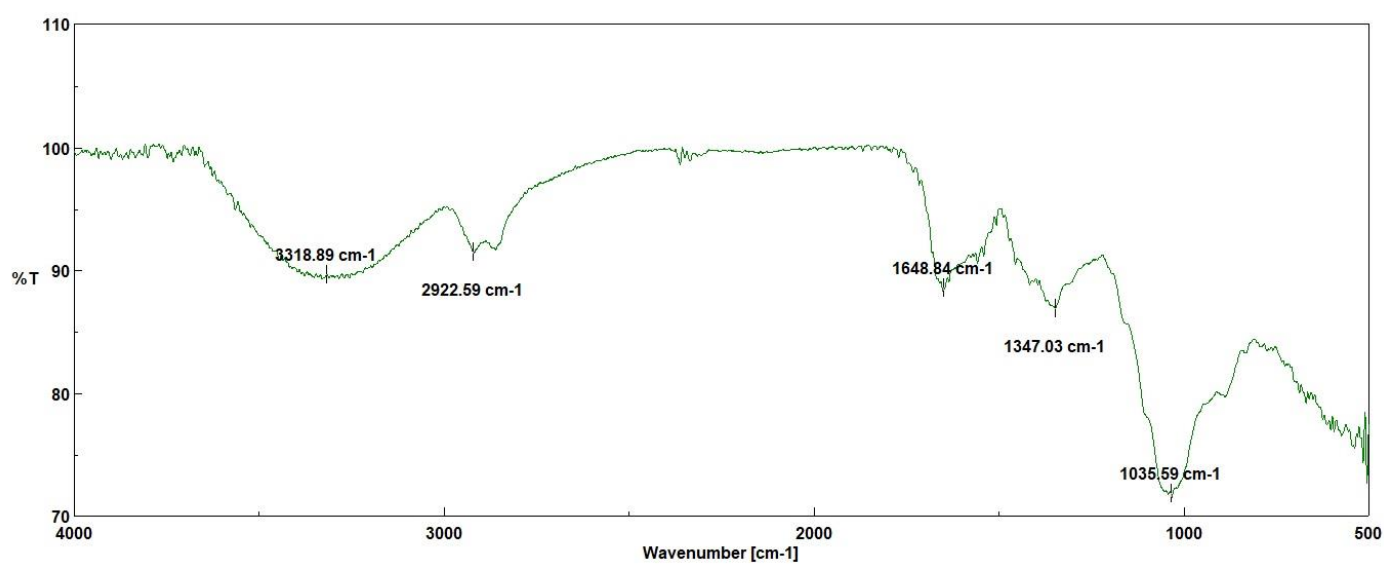
- FT-IR spectra of AuNP1, AuNP2, AuNP3 and AuNP4 p. 2-3
- NMR spectra of selected compounds p. 4-15

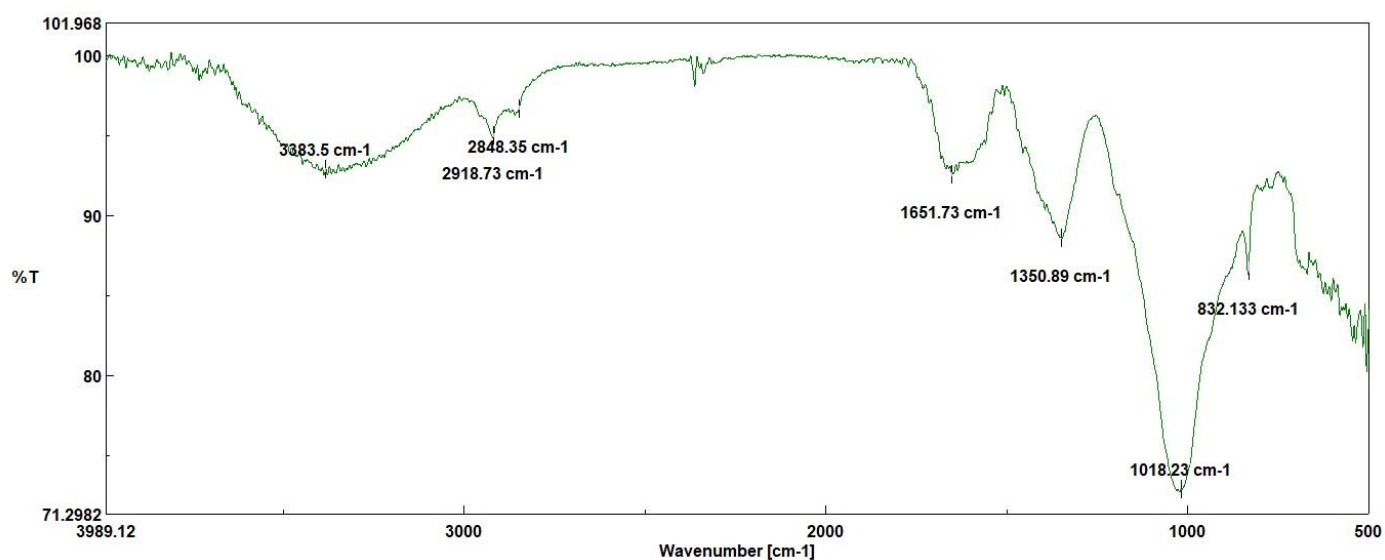
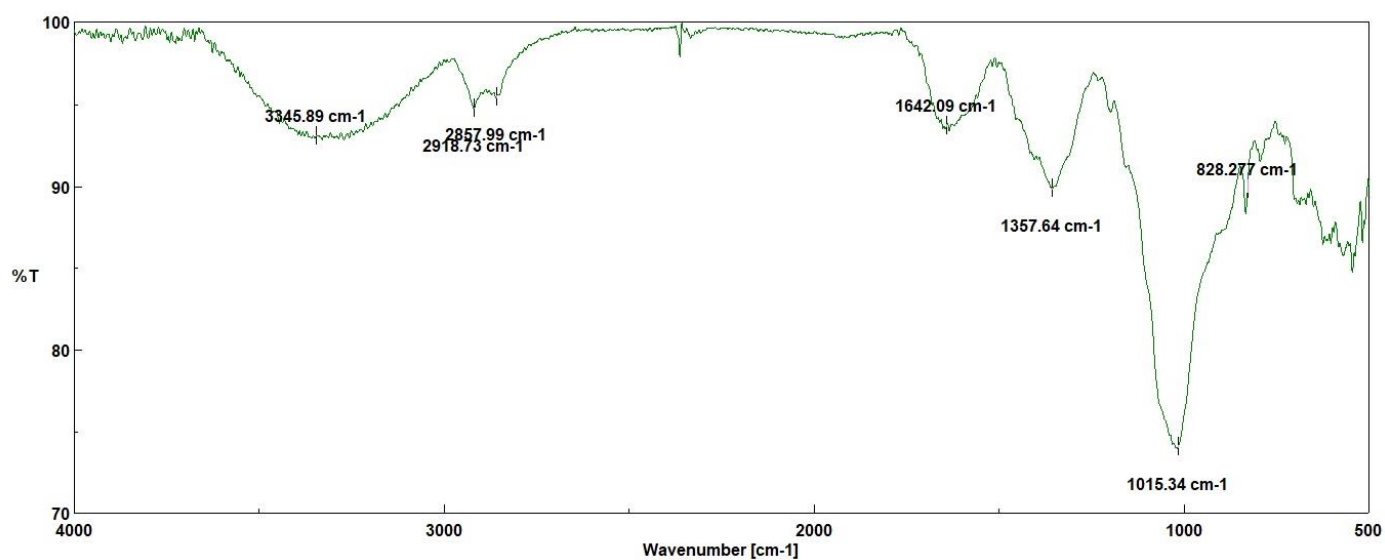
FT-IR spectra of AuNP1, AuNP2, AuNP3 and AuNP4

AuNP1



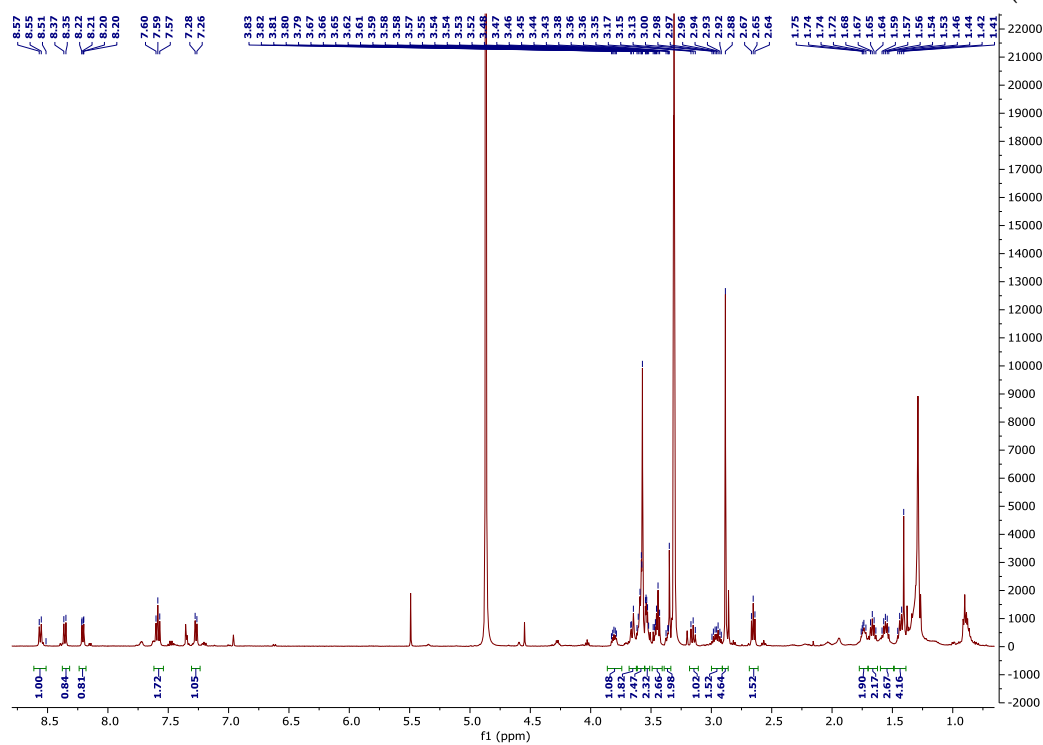
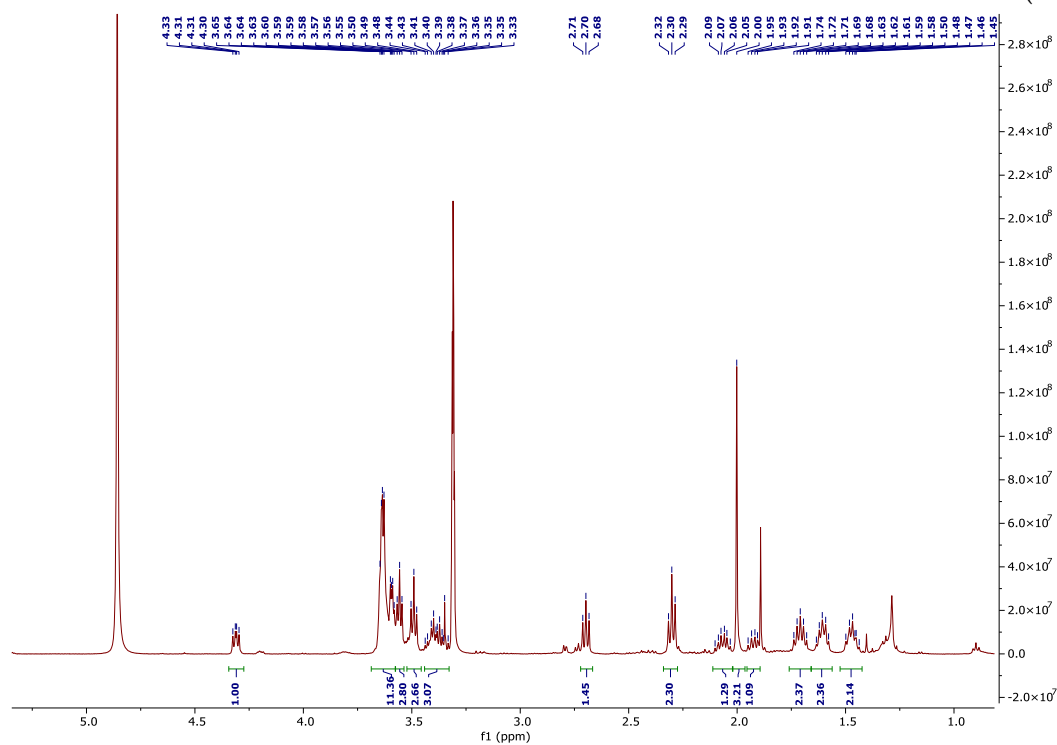
AuNP2

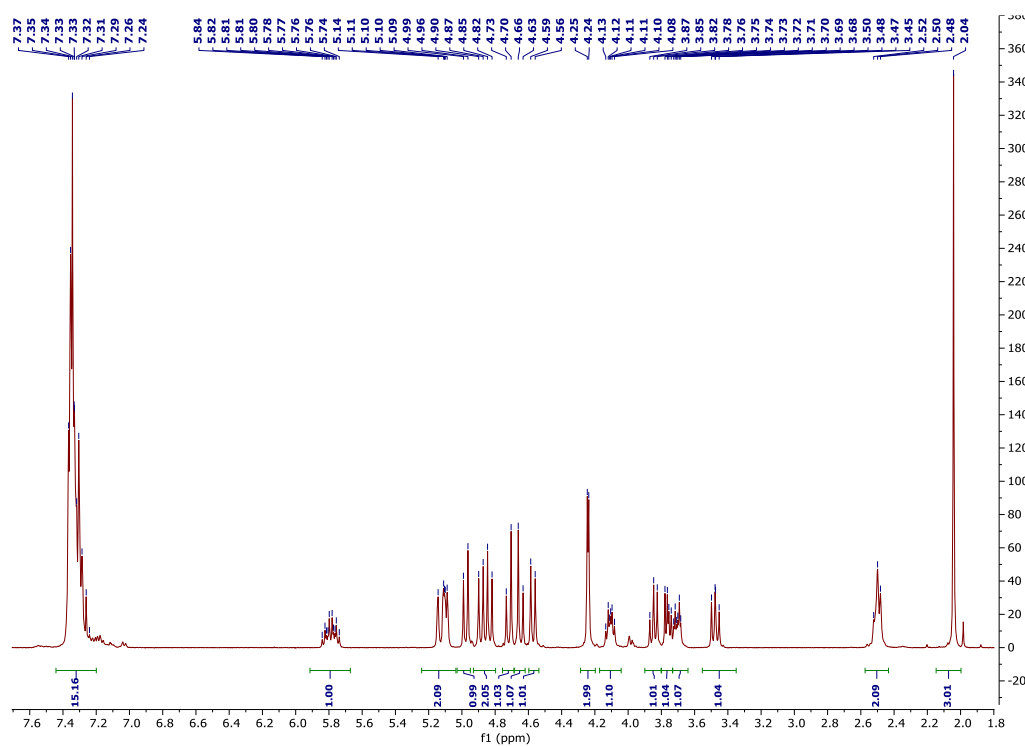
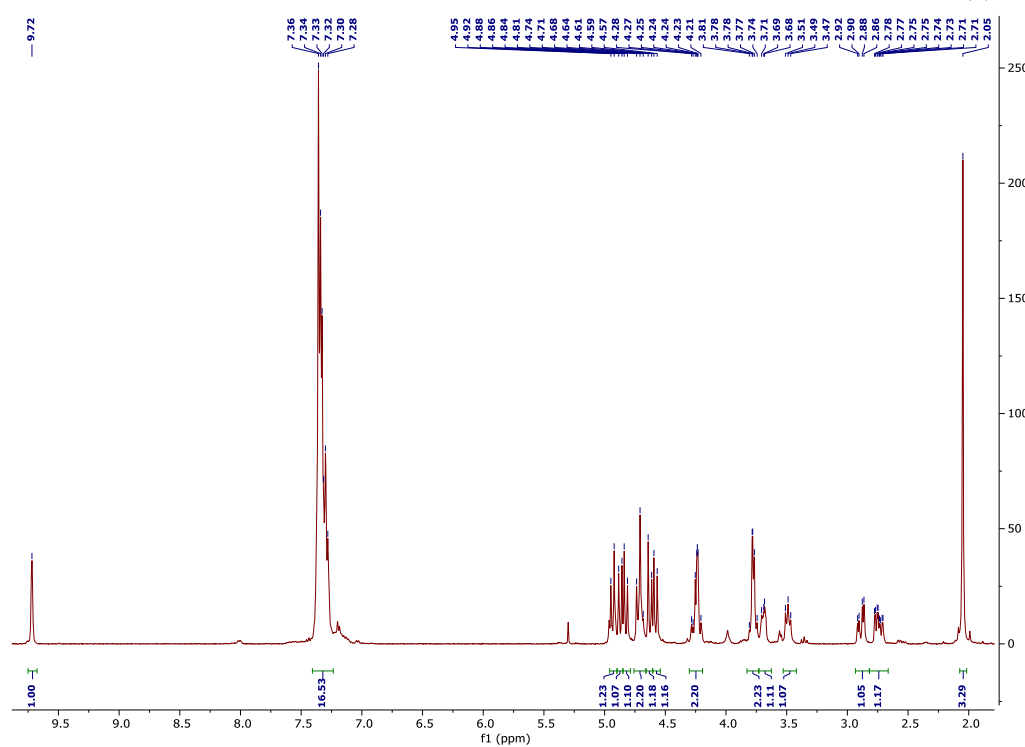


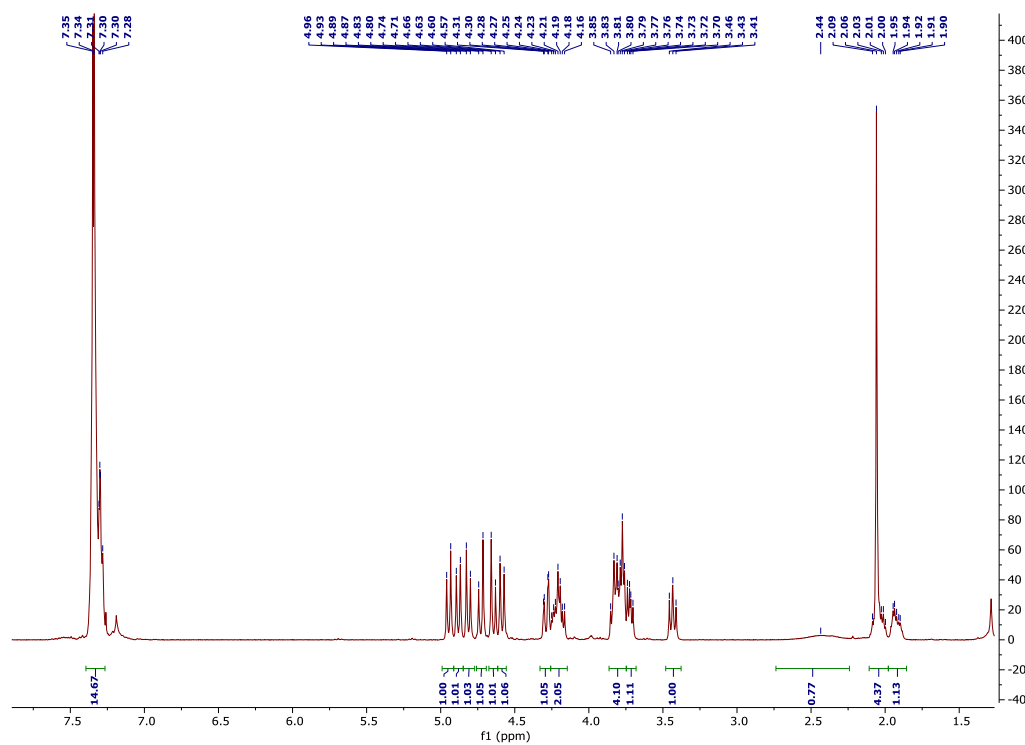
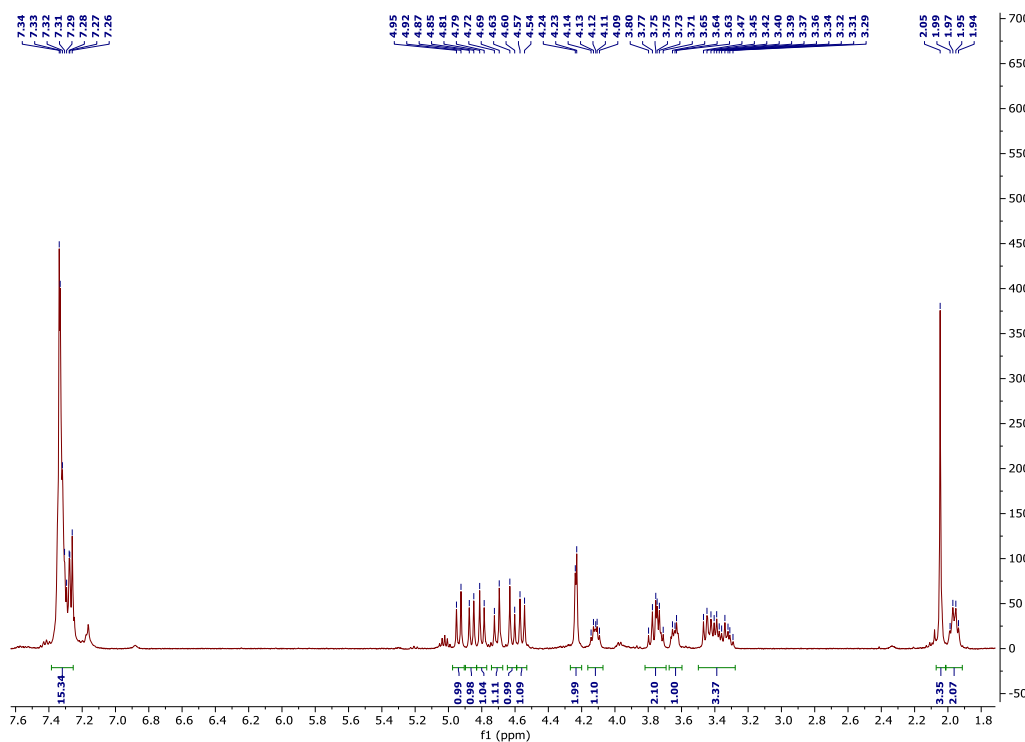
AuNP3**AuNP4**

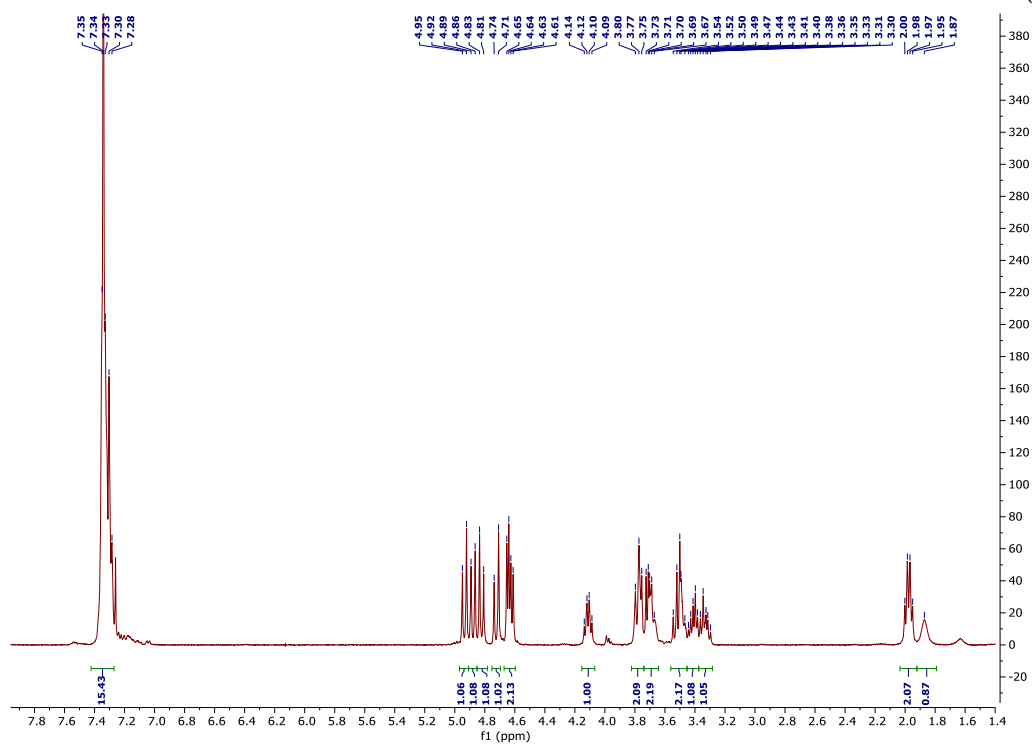
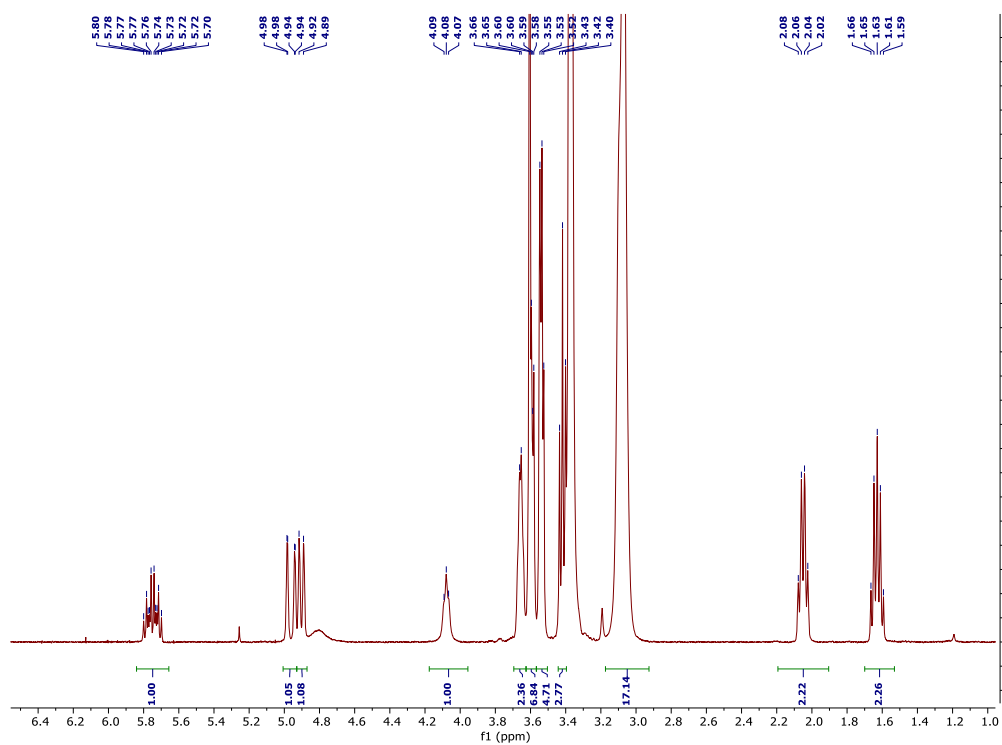
¹H-NMR spectra of synthesized compounds.

- Compound 2
- Compound 4
- Compound 8
- Compound 9
- Compound 10
- Compound 11
- Compound 12
- Compound 13
- Compound 14
- Compound 15
- Compound 16
- Compound 17
- Compound 18
- Compound 19
- Compound 20
- Compound 21
- Compound 22
- Compound 23
- Compound 24
- Compound 25
- Compound 26

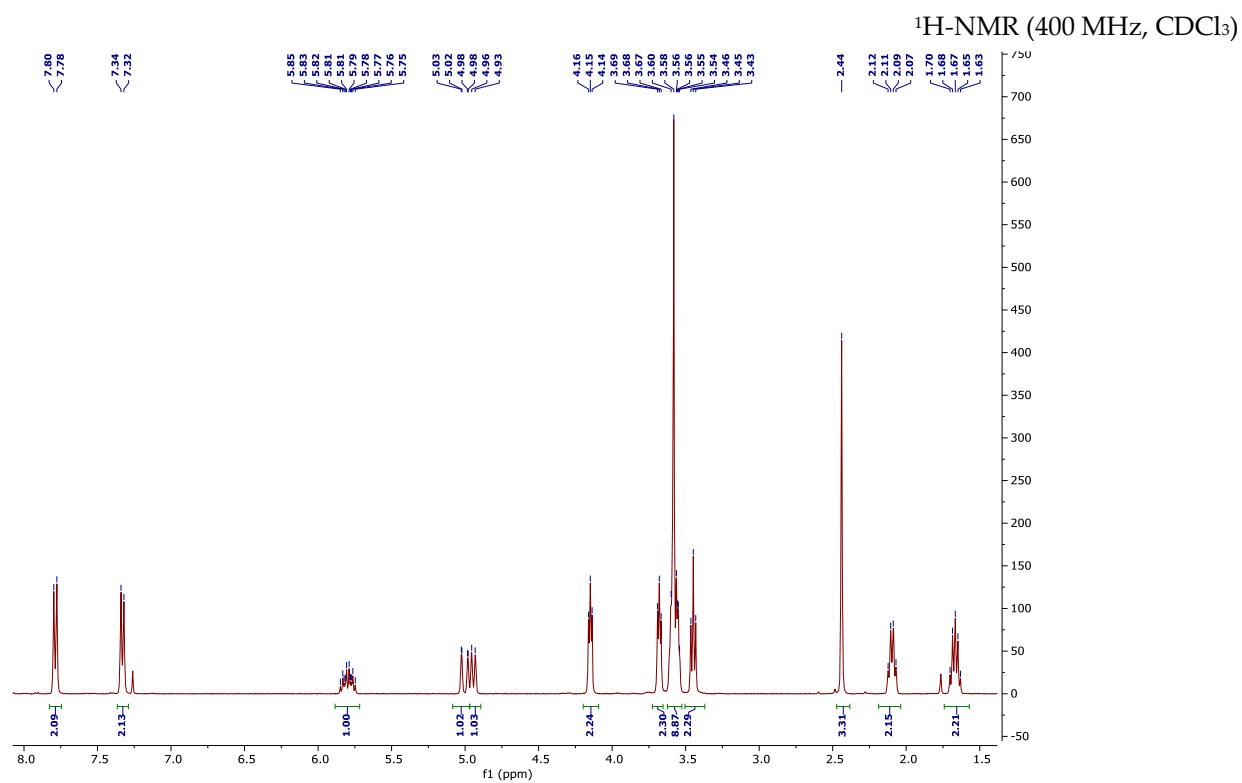
Compound 2¹H-NMR (400 MHz, CD₃OD)**Compound 4**¹H-NMR (400 MHz, CDCl₃)

Compound 8 $^1\text{H-NMR}$ (400 MHz, CDCl_3)**Compound 9** $^1\text{H-NMR}$ (400 MHz, CDCl_3)

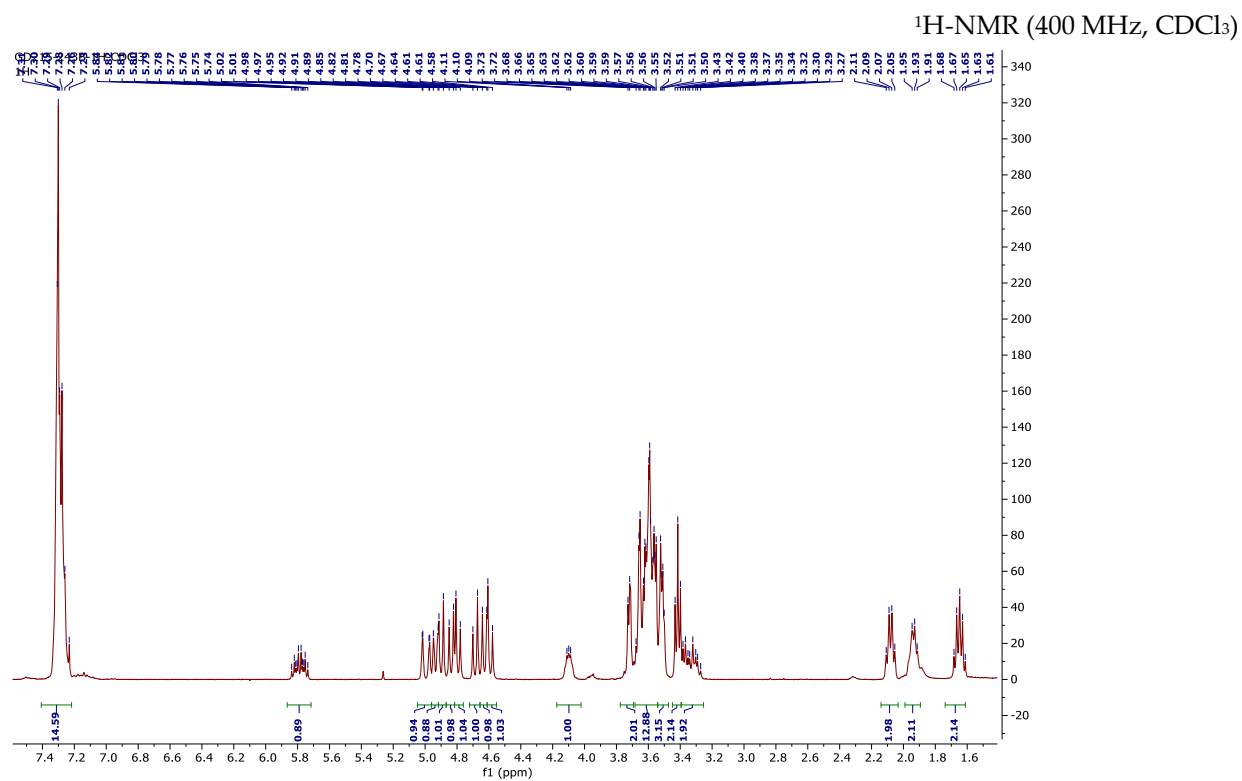
Compound 10¹H-NMR (400 MHz, CDCl₃)**Compound 11**¹H-NMR (400 MHz, CDCl₃)

Compound 12 $^1\text{H-NMR}$ (400 MHz, CDCl_3)**Compound 13** $^1\text{H-NMR}$ (400 MHz, CDCl_3)

Compound 14

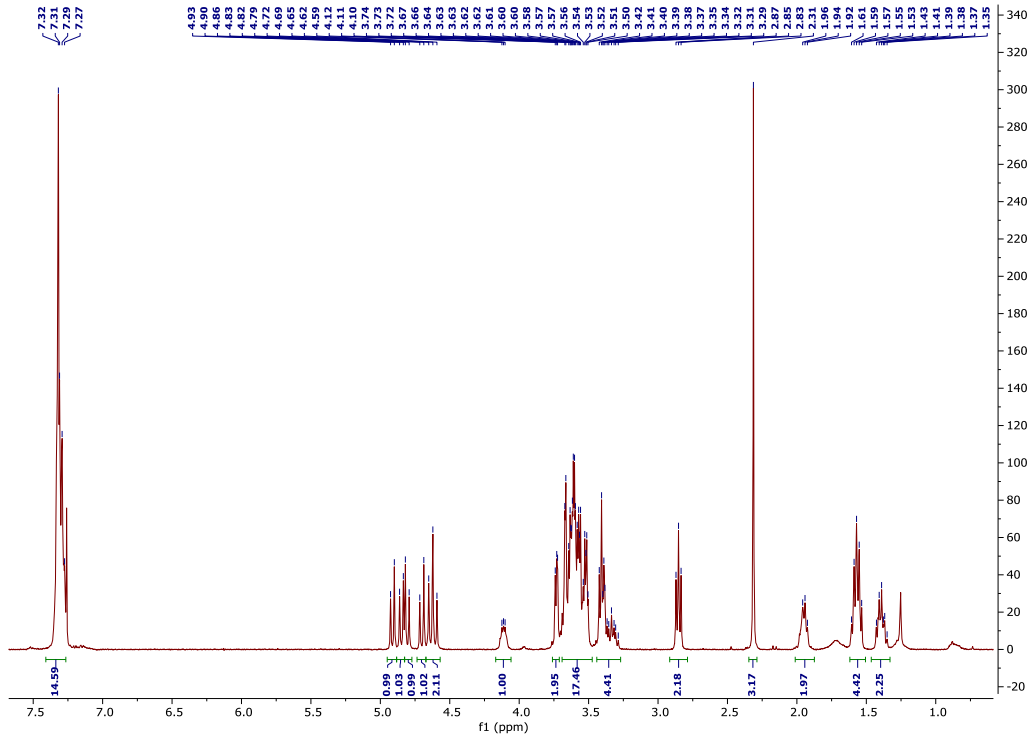


Compound 15



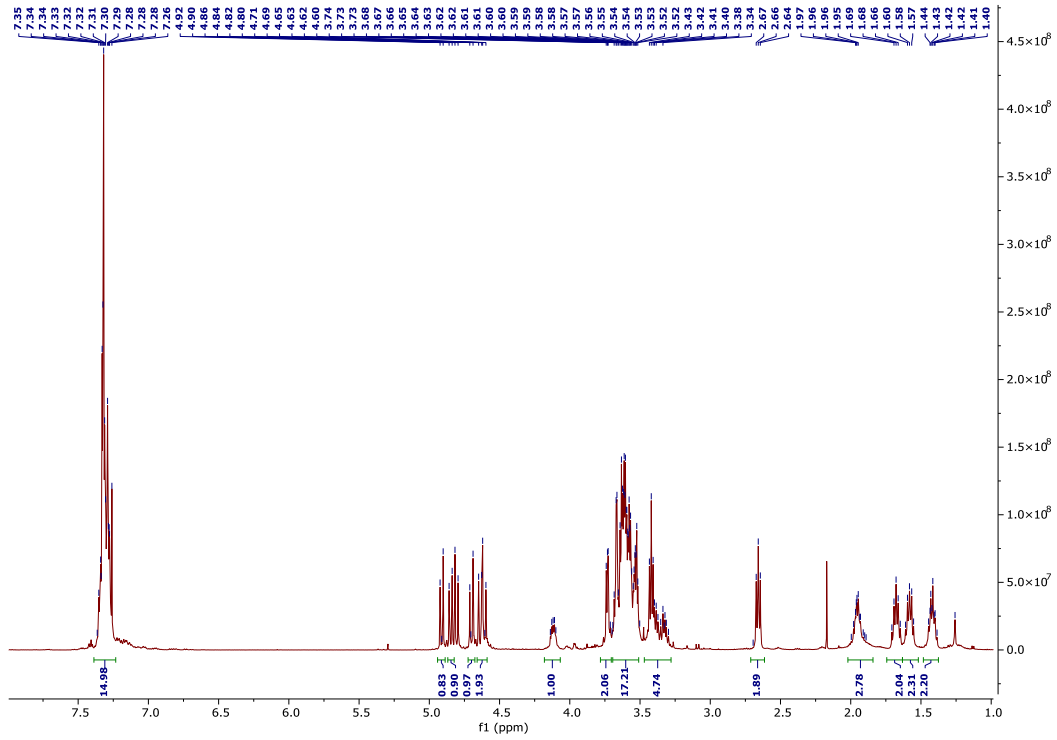
Compound 16

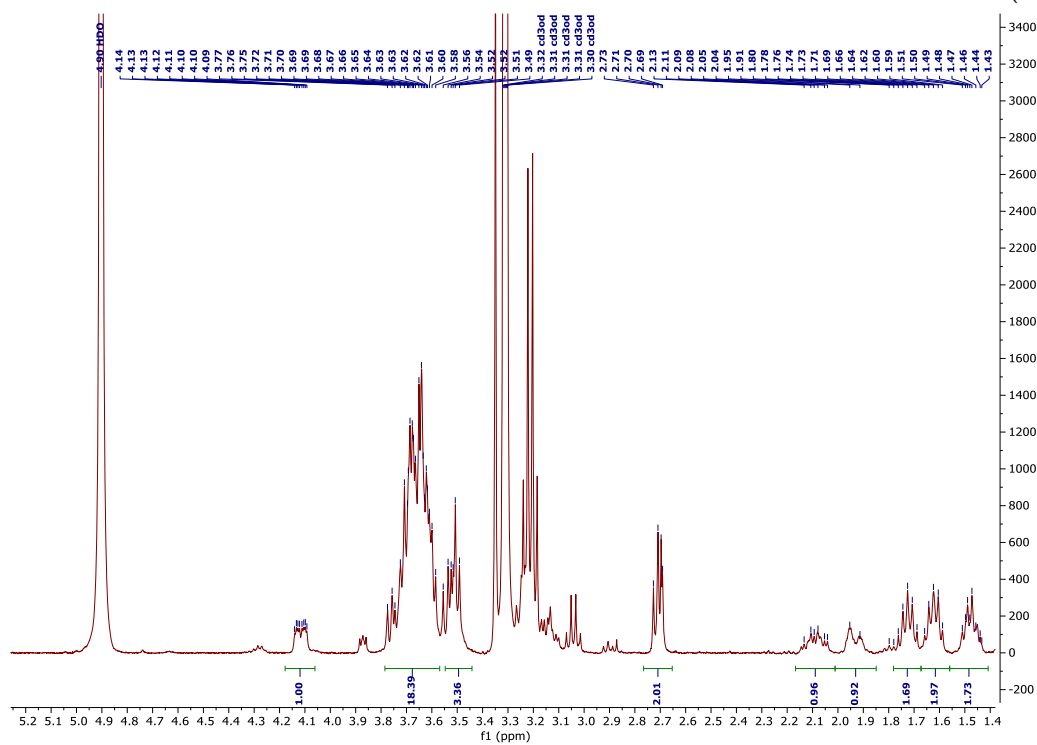
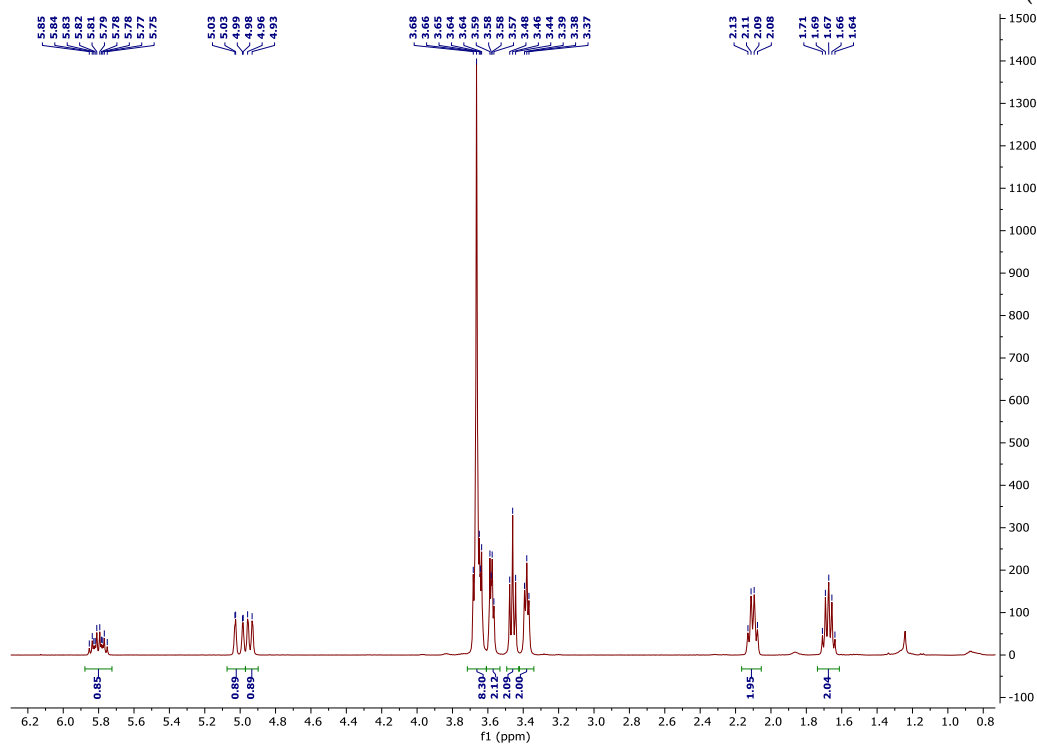
¹H-NMR (400 MHz, CDCl₃)



Compound 17

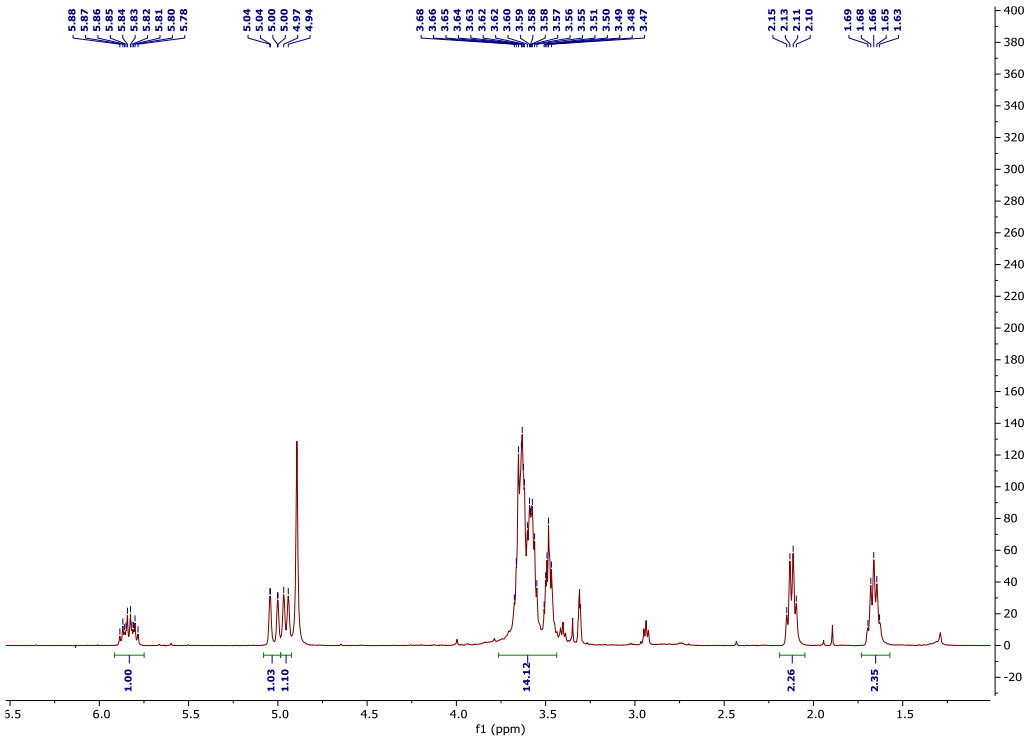
¹H-NMR (400 MHz, CDCl₃)



Compound 18¹H-NMR (400 MHz, CD₃OD)**Compound 19**¹H-NMR (400 MHz, CDCl₃)

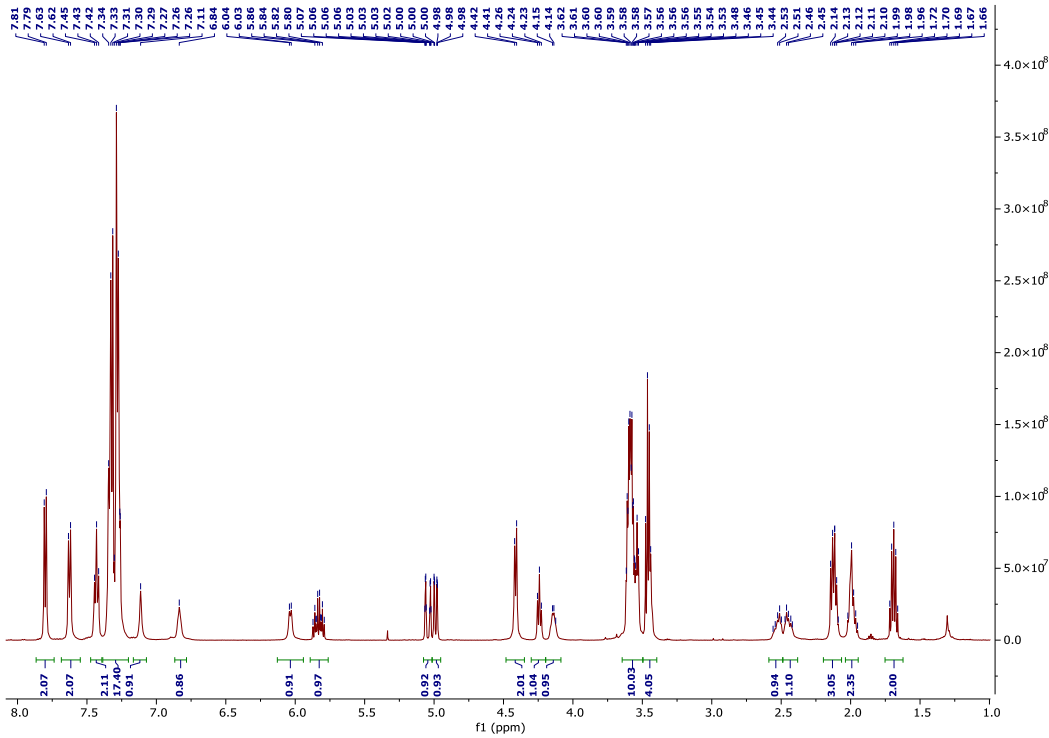
Compound 20

¹H-NMR (400 MHz, CD₃OD)



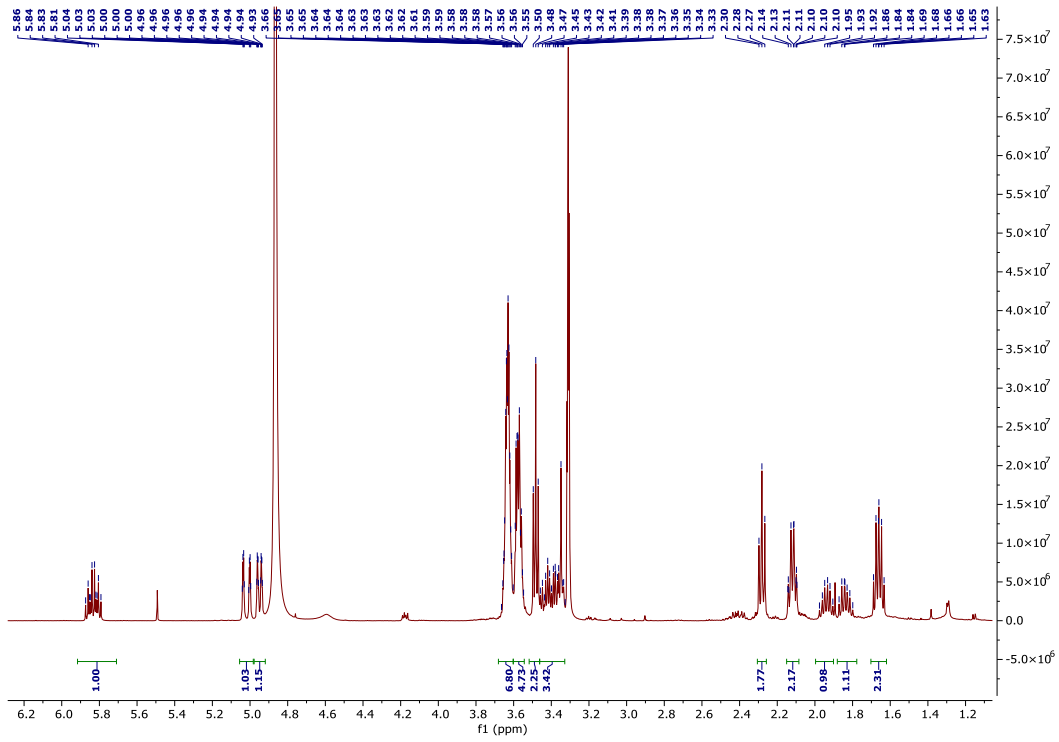
Compound 21

¹H-NMR (400 MHz, CDCl₃)



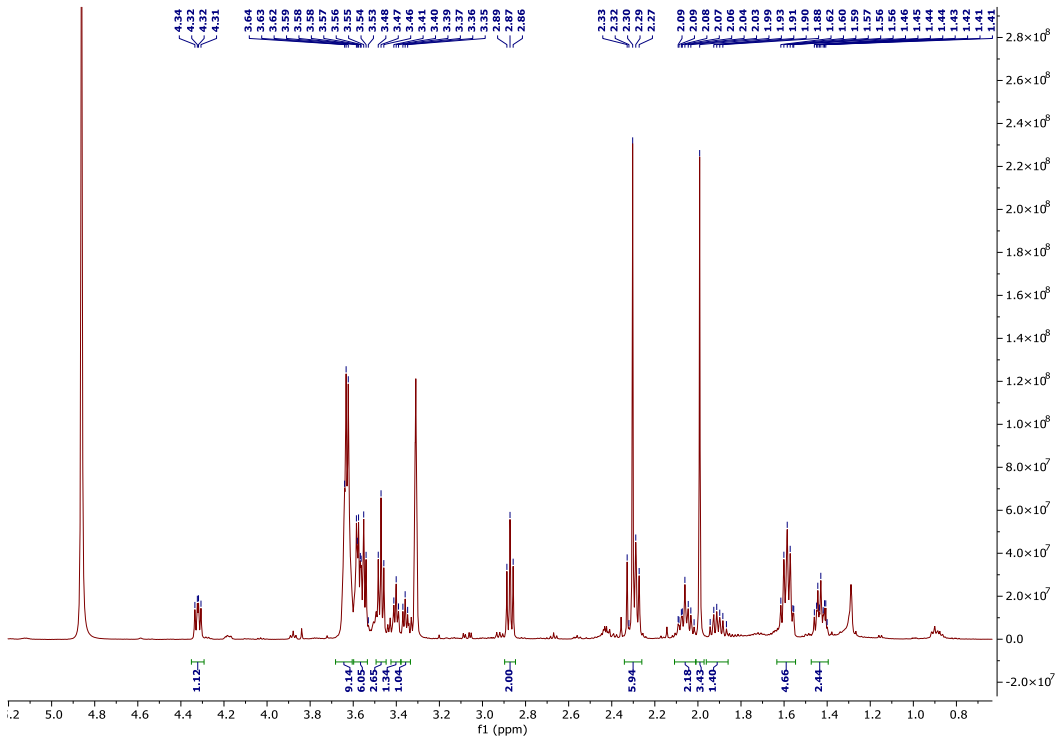
Compound 22

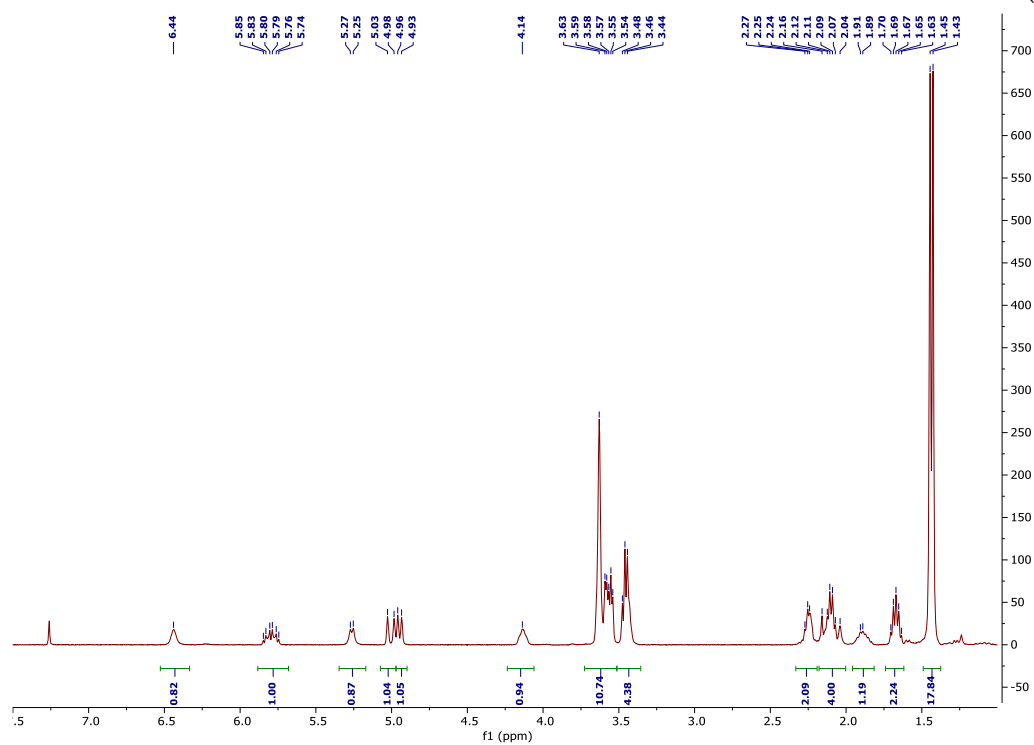
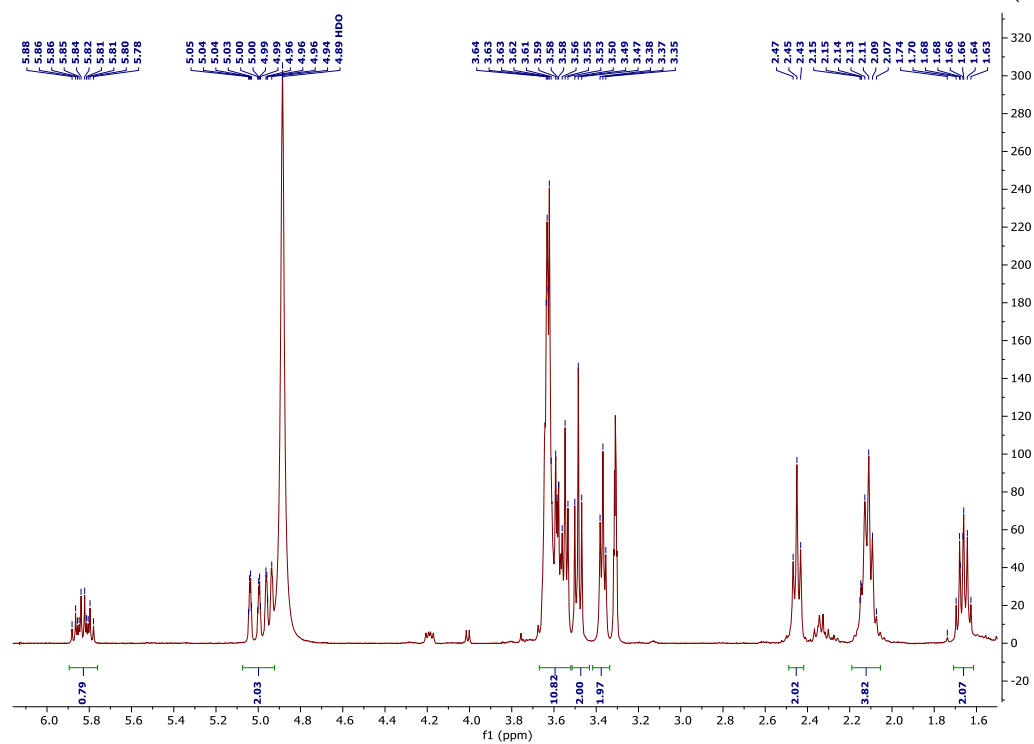
¹H-NMR (400 MHz, CD₃OD)



Compound 23

¹H-NMR (400 MHz, CD₃OD)



Compound 24 $^1\text{H-NMR}$ (400 MHz, CDCl_3)**Compound 25** $^1\text{H-NMR}$ (400 MHz, CD_3OD)

Compound 26

 $^1\text{H-NMR}$ (400 MHz, CD_3OD)