



Supporting Information

for

Menthyl esterification allows chiral resolution for the synthesis of artificial glutamate analogs

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Assignments and intensities of all NOESY crosspeaks observed for 10*, 10, 21*, and 21

Contents:

Assignments and intensities of all NOESY cross
peaks observed for **10*** (2*S*) SVI-2

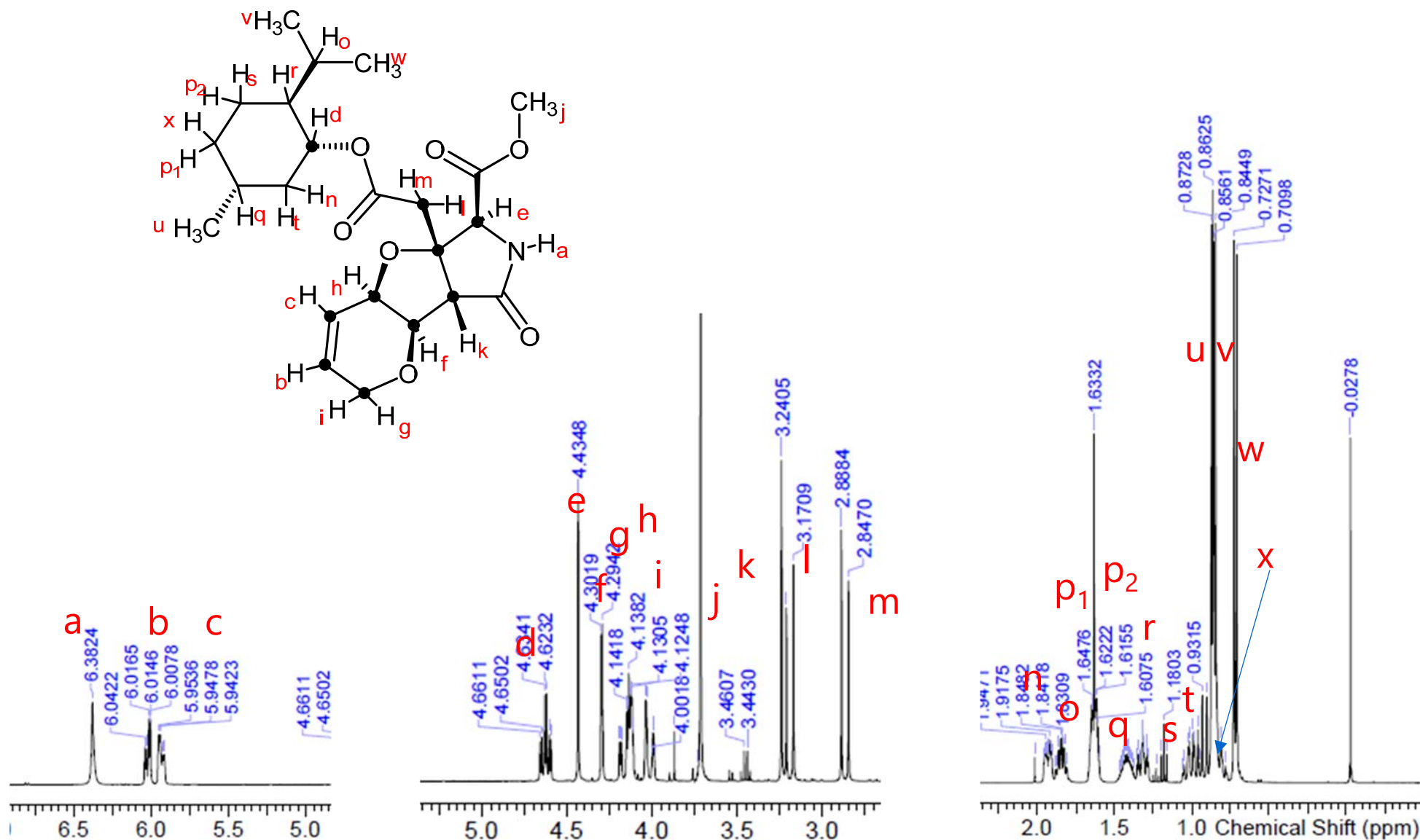
Assignments and intensities of all NOESY cross
peaks observed for **10** (2*R*) SVI-6

Assignments and intensities of all NOESY cross
peaks observed for **21*** (2*S*) SV-11

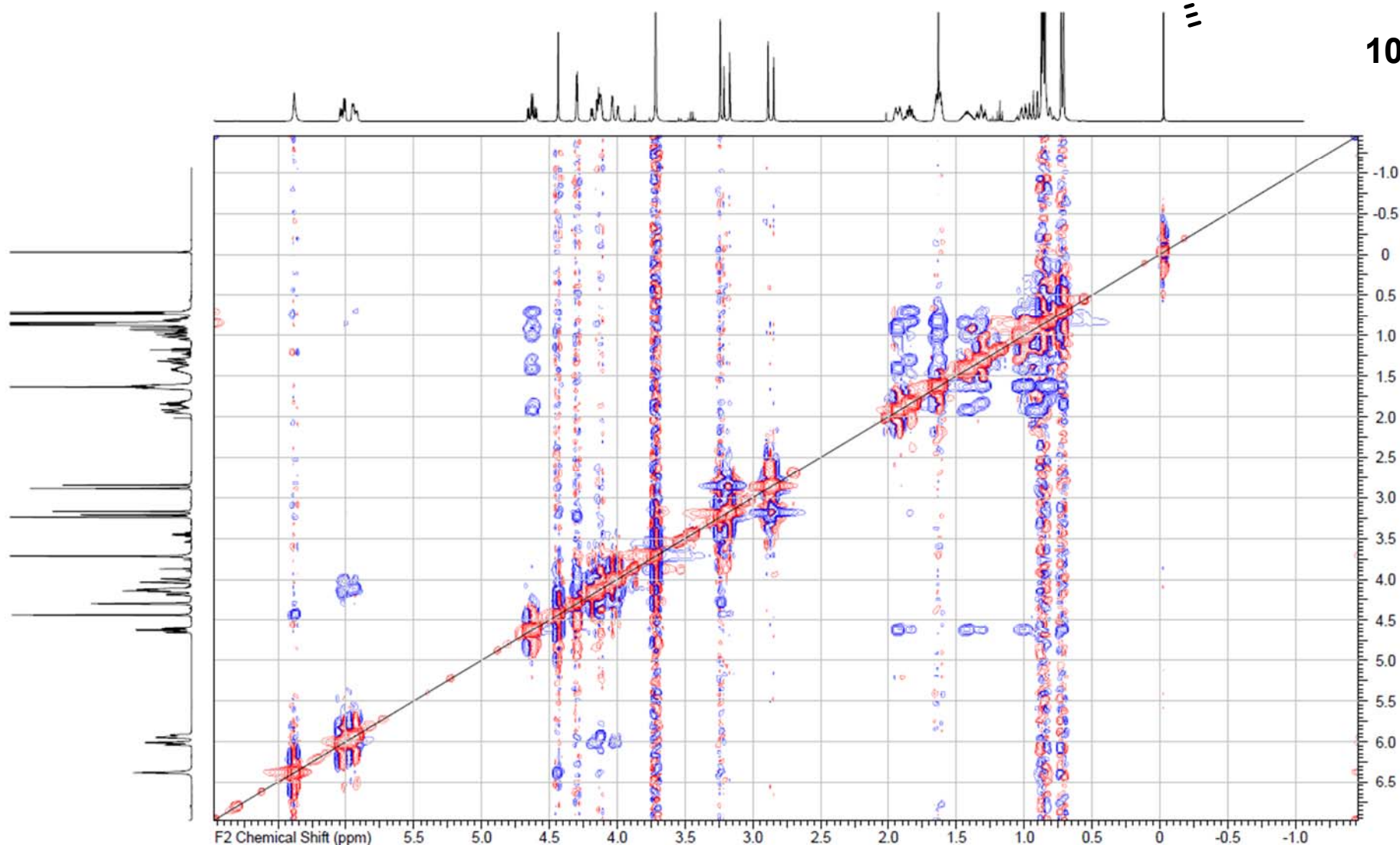
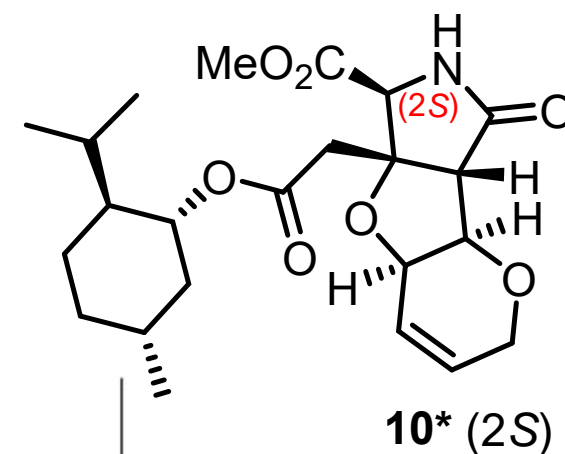
Assignments and intensities of all NOESY cross
peaks observed for **21** (2*R*) SV-13

Assignments and
intensities of all NOESY
cross peaks observed for
10* (2S)

^1H NMR for **10*** (2*S*) (400 MHz, CDCl_3)



NOESY analysis of **10*** (2*S*) (400 MHz, CDCl₃) #1/2



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AA70071-001

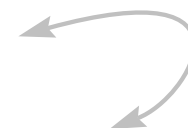
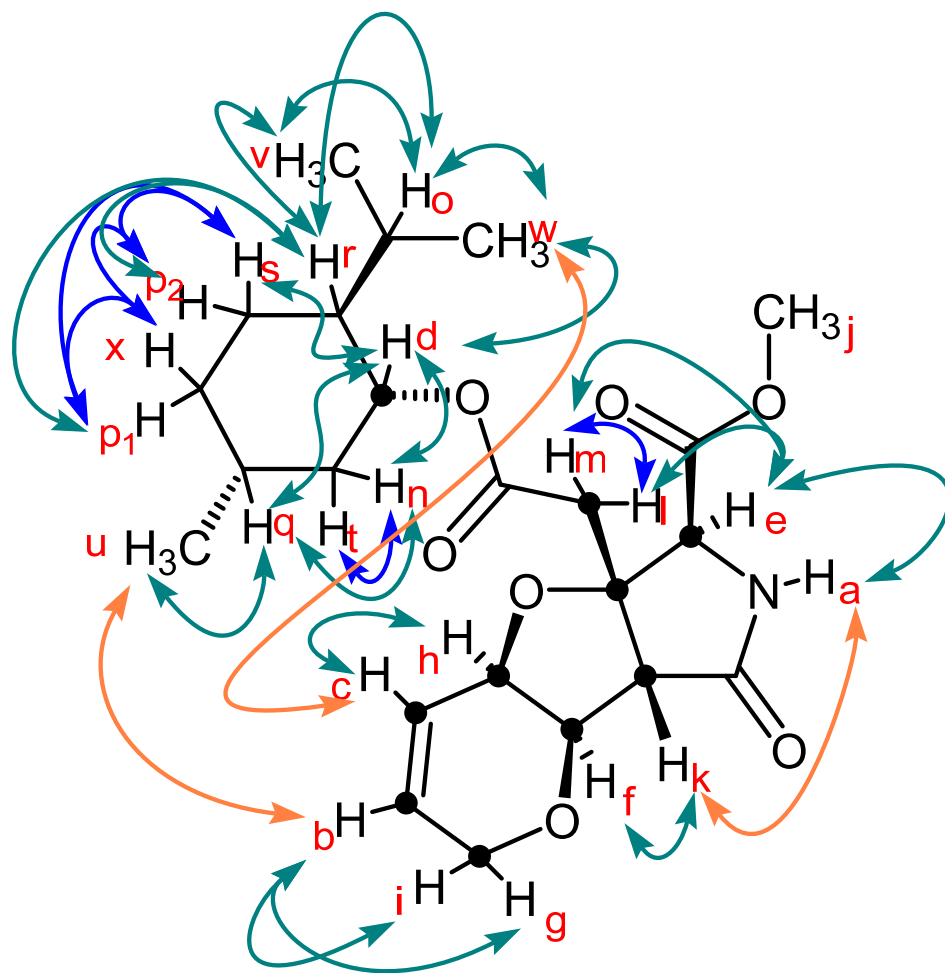
Nucleus (1H, 1H)
Pulse Sequence noesygpphph_Bruker_AVIII400N
Solvent CHLOROFORM-d

Frequency (MHz) (400.1800, 400.1800)
Spectrum Type NOESY
Sweep Width (Hz) (3375.08, 3375.08)

Number of Transients 8
Original Points Count (1024, 1024)
Points Count (1024, 1024)

65/154

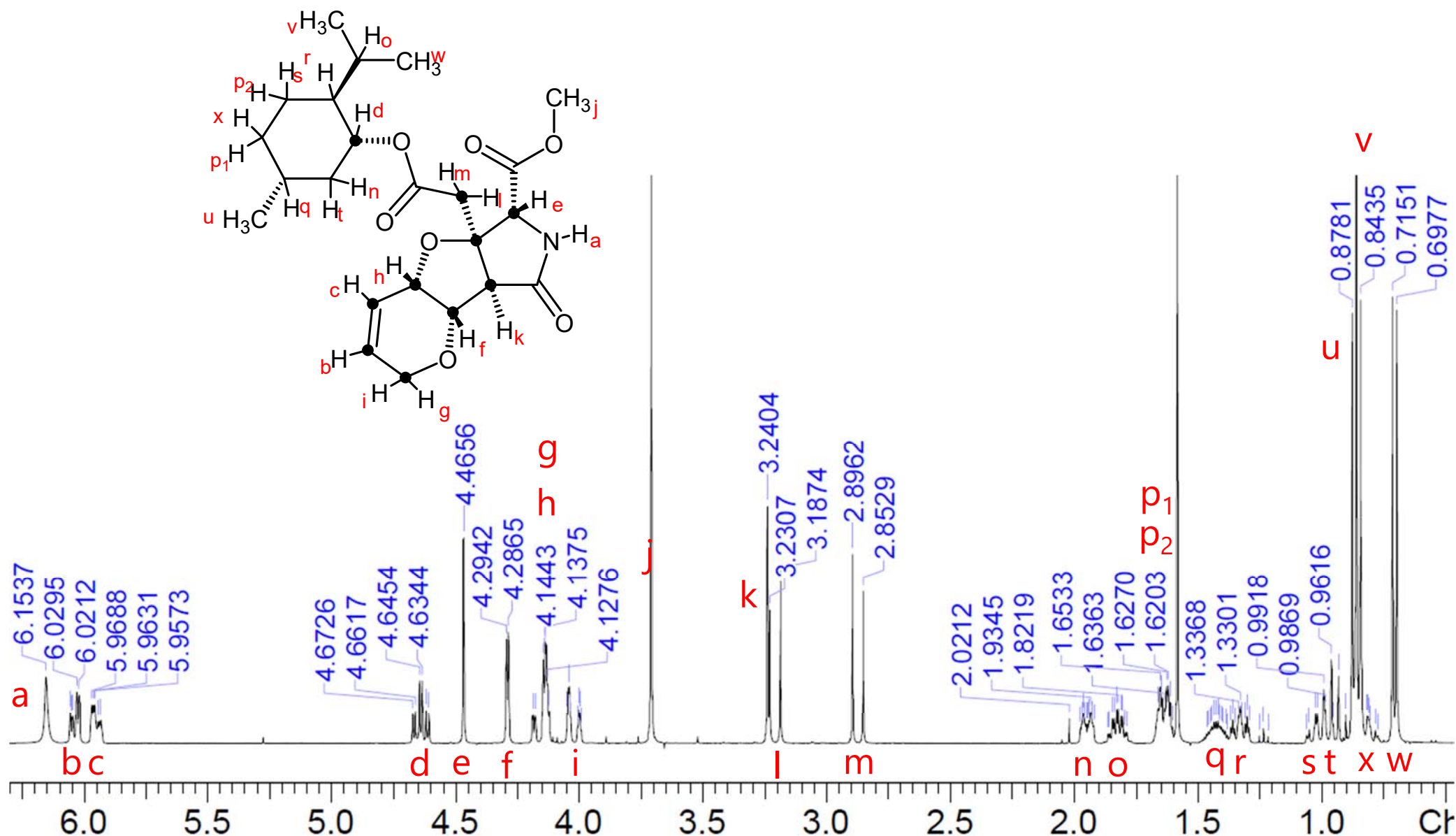
NOESY analysis of **10*** (2S) (400 MHz, CDCl₃) #2/2



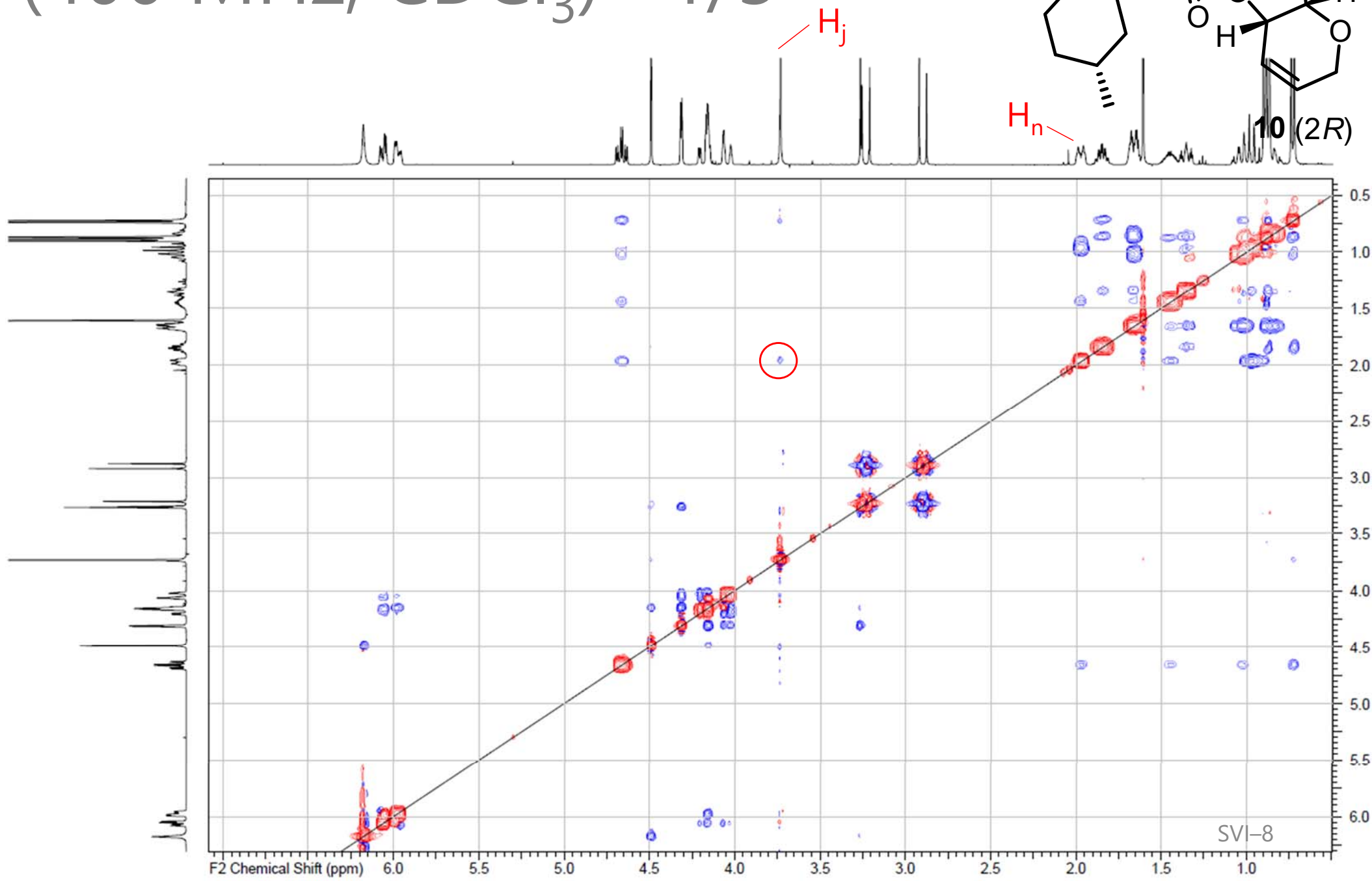
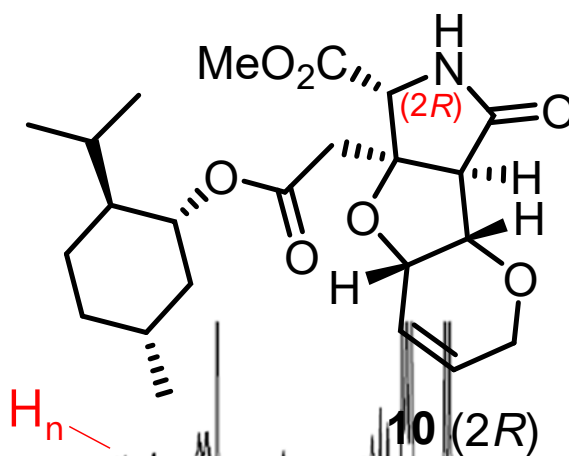
NOE
strong/medium/weak

Assignments and
intensities of all NOESY
cross peaks observed for
10 (*2R*)

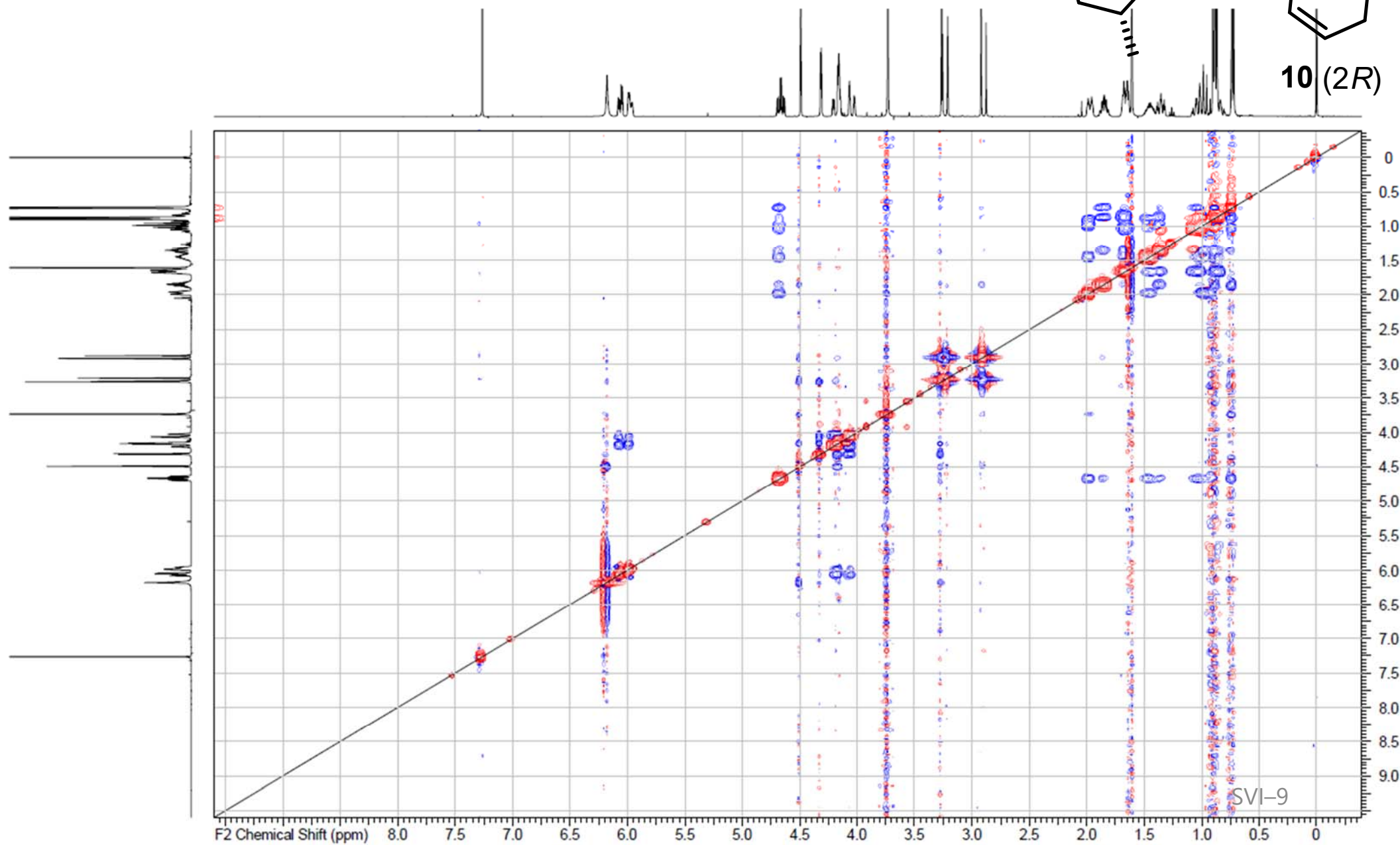
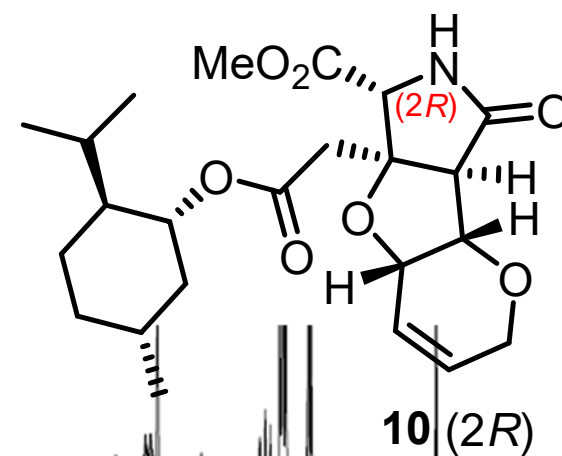
^1H NMR for **10** (2*R*) (400 MHz, CDCl_3)



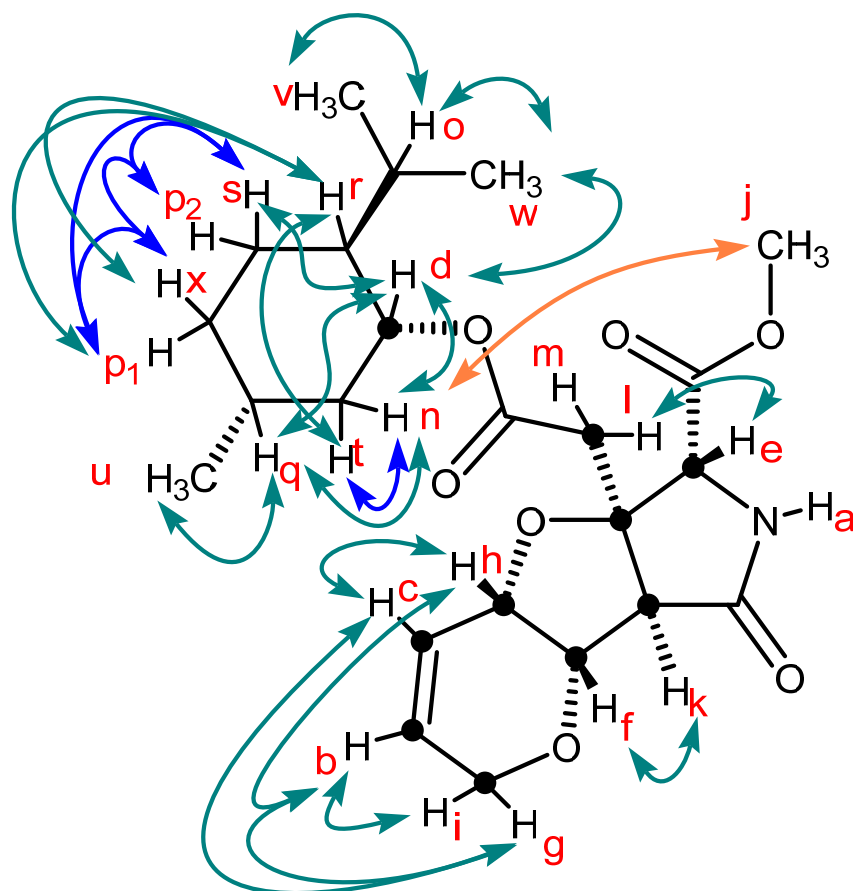
NOESY analysis of **10** (2*R*) (400 MHz, CDCl₃) #1/3



NOESY analysis of **10** (2*R*) (400 MHz, CDCl₃) #2/3



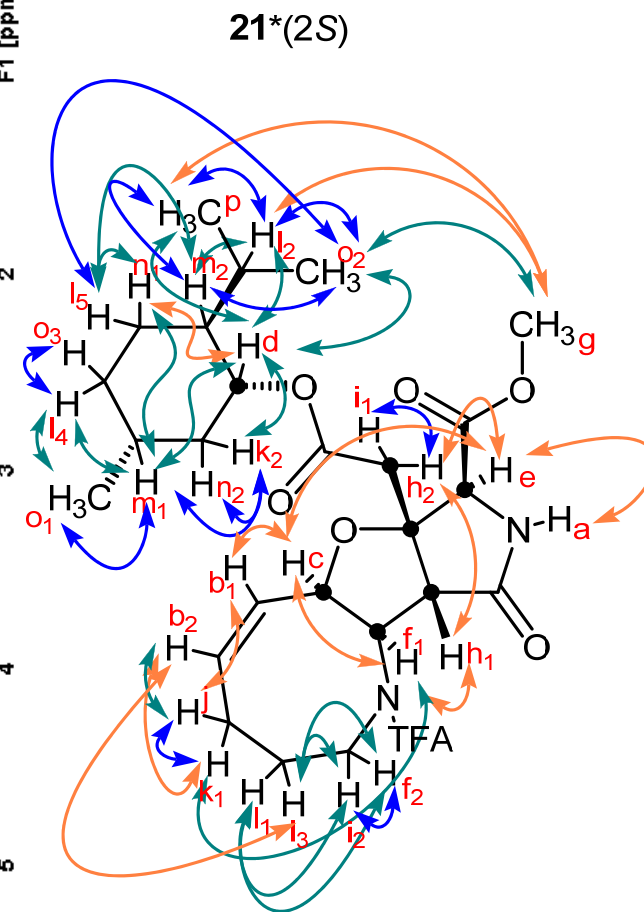
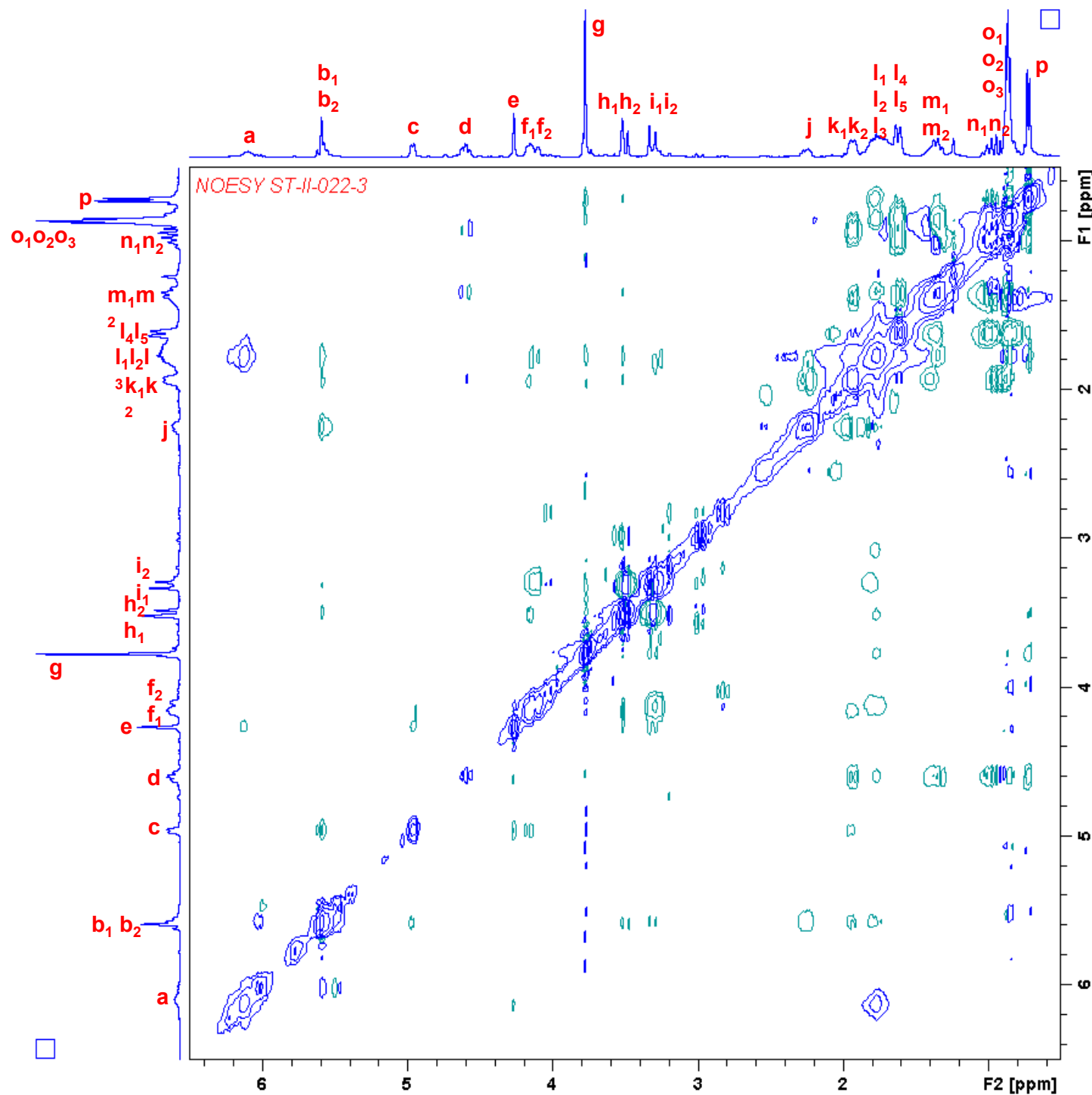
NOESY analysis of **10** (2*R*)
(400 MHz, CDCl₃) #3/3



NOE
strong/medium/weak

Assignments and
intensities of all NOESY
cross peaks observed for
21* (2S)

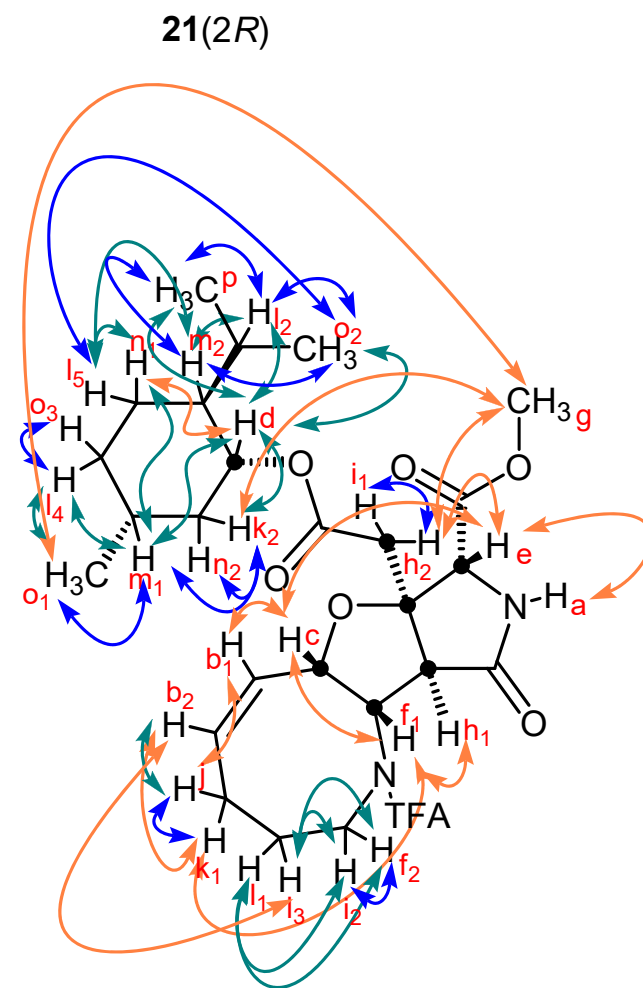
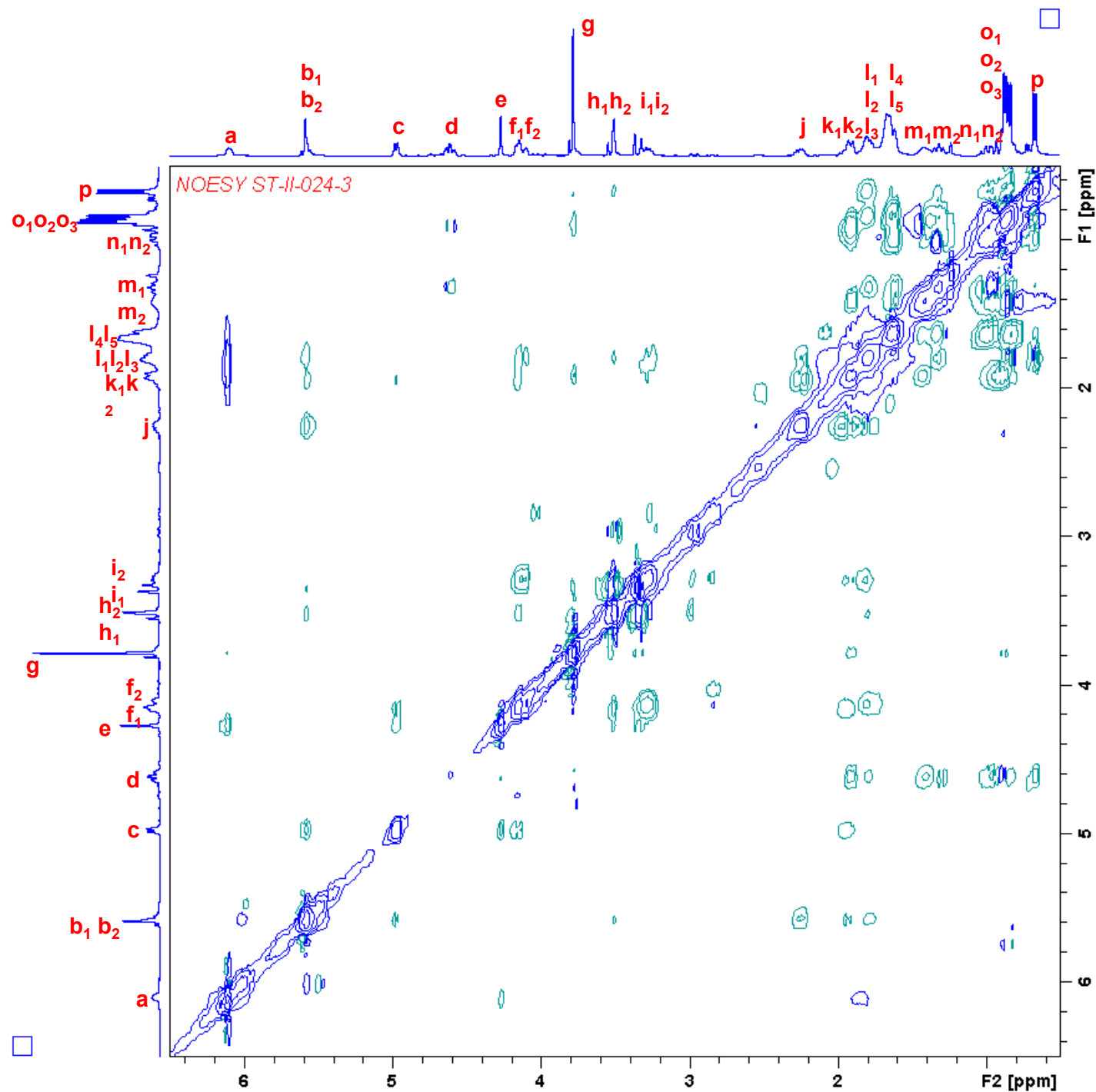
NOESY analysis of **21*** (2S) (400 MHz, CDCl₃)



NOE
 strong/medium/weak
 SVI-12

Assignments and
intensities of all NOESY
cross peaks observed for
21 (*2R*)

NOESY analysis of **21** (2*R*) (400 MHz, CDCl₃)



NOE
strong/medium/weak