Spectra 1. IR spectra of compound 2a
<table>
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[MS Spectrum]

# of Peaks 26

Raw Spectrum [0,203->0,203],(scan:[13->13])
Background [1,015->1,827],(scan:[61->109])
Base Peak m/z 256,20 (Inten : 20.000.000)

**Spectra 2.** LCMSMS spectra of compound 2a
Spectra 3. $^1$H-NMR spectra of compound 2a

Spectra 4. $^{13}$C-NMR spectra of compound 2a
**Spectra 5.** IR spectra of compound 2b
**LCMSMS ANALYSES REPORT**

<table>
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</table>

![Image](image.png)

**MS Spectrum**

- **# of Peaks**: 13
- **Raw Spectrum**: [0.575->0.711],(scan:[35->43])
- **Background**: No Background Spectrum
- **Base Peak m/z**: 270,25 (Inten : 6.616.908)

**Spectra 6. LCMSMS spectra of compound 2b**
Spectra 7. $^1$H-NMR spectra of compound 2b

Spectra 8. $^{13}$C-NMR spectra of compound 2b
**Spectra 9.** IR spectra of compound 2c
Sample Name: T-3  
Sample ID:  
Data Filename: T-3_004.lcd  
Method: genel.lcm  
Filename:  
Batch: GENEL_batch_tarama.lcb  
Filename:  
Vial #: 1-18  
Injection Volume: 1 uL  
Sample Type: Unknown  
Date Acquired: 19.10.2017 14:49:30  
Acquired by: System Administrator  
Date Processed: 19.10.2017 14:51:40  
Processed by: System Administrator  

[MS Spectrum]  
# of Peaks 9  
Raw Spectrum [0.372->0.474].(scan:[23->29])  
Background No Background Spectrum  
Base Peak m/z 284.25 (Inten : 19.488.994)  

Spectra 10. LCMSMS spectra of compound 2c
Spectra 11. $^1$H-NMR spectra of compound 2c

Spectra 12. $^{13}$C-NMR spectra of compound 2c
Spectra 13. IR spectra of compound 2d
LCMSMS ANALYSES REPORT

Sample Name: T-4
Sample ID:
Data Filename: T-4_005.lcd
Method Filename: genel.lcm
Batch Filename: GENEL_batch_tarama.lcb
Vial #: 1-19
Injection Volume: 1 uL
Sample Type: Unknown
Date Acquired: 19.10.2017 14:51:50
Acquired by: System Administrator
Date Processed: 19.10.2017 14:54:03
Processed by: System Administrator

[MS Spectrum]
# of Peaks 19
Raw Spectrum [0.541->0.609],(scan:[33->37])
Background No Background Spectrum
Base Peak m/z 318.25 (Inten : 8.835.278)

Spectra 14. LCMSMS spectra of compound 2d
Spectra 15. $^1$H-NMR spectra of compound 2d

Spectra 16. $^{13}$C-NMR spectra of compound 2d
Spectra 17. IR spectra of compound 2e
Sample Name: T-5
Sample ID: 
Data Filename: T-5_006.lcd
Method Filename: genel.lcm
Batch Filename: GENEL_batch_tarama.lcb
Vial #: 1-20
Injection Volume: 1 uL
Sample Type: Unknown
Date Acquired: 19.10.2017 14:54:13
Acquired by: System Administrator
Date Processed: 19.10.2017 14:56:25
Processed by: System Administrator

[MS Spectrum]
# of Peaks 10
Raw Spectrum [0,406->0,541],(scan:[25->33])
Background No Background Spectrum
Base Peak m/z 302,20 (Inten : 12.580.969)

Spectra 18. LCMSMS spectra of compound 2e
Spectra 19. $^1$H-NMR spectra of compound 2e

Spectra 20. $^{13}$C-NMR spectra of compound 2e
## Spectra 21. IR spectra of compound 2f

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Abs.

![Graph of IR spectra](image)

%T

![Graph of IR spectra](image)
Sample Name: T-6
Sample ID: 
Data Filename: T-6_007.lcd
Method: genel.lcm
File Name: 
Batch File Name: GENEL_batch_tarama.lcb
Vial #: 1-21
Injection Volume: 1 uL
Sample Type: Unknown
Date Acquired: 19.10.2017 14:56:35
Acquired by: System Administrator
Date Processed: 19.10.2017 14:58:49
Processed by: System Administrator

[MS Spectrum]
# of Peaks 12
Raw Spectrum [0.609->0.846],(scan:[37->51])
Background: No Background Spectrum
Base Peak m/z 316.25 (Inten : 11.888.338)

Spectra 22. LCMSMS spectra of compound 2f
Spectra 23. $^1$H-NMR spectra of compound 2f
Spectra 24. $^{13}$C-NMR spectra of compound 2f
Spectra 25. IR spectra of compound 2g
Sample Name : T-7  
Sample ID :  
Data Filename : T-7_008.lcd  
Method : genel.lcm  
Filename  
Batch Filename : GENEL_batch_tarama.lcb  
Vial # : 1-22  
Injection Volume : 1 uL  
Sample Type : Unknown  
Date Acquired : 19.10.2017 14:59:00  
Acquired by : System Administrator  
Date Processed : 19.10.2017 15:01:13  
Processed by : System Administrator  

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<td>110,10</td>
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[MS Spectrum]  
# of Peaks 10  
Raw Spectrum [0.609->0.947],(scan:[37->57])  
Background No Background Spectrum  
Base Peak m/z 330,20 (Inten : 17.590.258)

**Spectra 26.** LCMSMS spectra of compound 2g
**Spectra 27.** \(^1\)H-NMR spectra of compound 2g

**Spectra 28.** \(^13\)C-NMR spectra of compound 2g
Spectra 29. IR spectra of compound 2h
LCMSMS ANALYSES REPORT

Sample Name : T-8
Sample ID :
Data Filename : T-8_009.lcd
Method : genel.lcm
Filename
Batch Filename : GENEL_batch_tarama.lcb
Vial # : 1-23
Injection Volume : 1 ul
Sample Type : Unknown
Date Acquired : 19.10.2017 15:01:25
Acquired by : System Administrator
Date Processed : 19.10.2017 15:03:32
Processed by : System Administrator

[MS Spectrum]
# of Peaks 11
Raw Spectrum [0,338->0,406],(scan:[21->25])
Background No Background Spectrum
Base Peak m/z 364,20 (Inten : 18.692.104)

Spectra 30. LCMSMSspectra of compound 2h
Spectra 31. $^1$H-NMR spectra of compound 2h

Spectra 32. $^{13}$C-NMR spectra of compound 2h