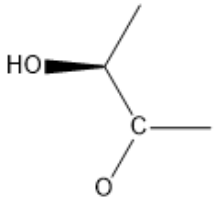
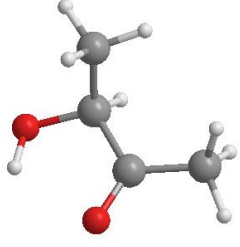
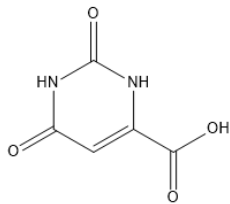
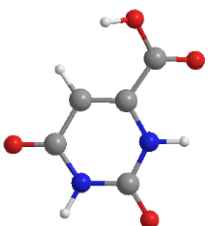
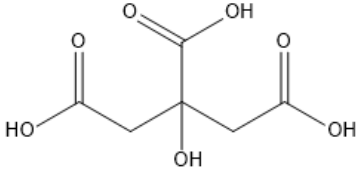
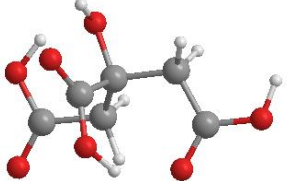
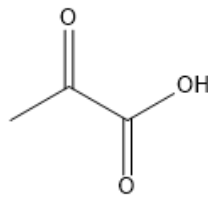
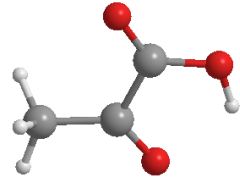
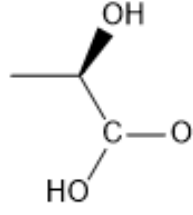
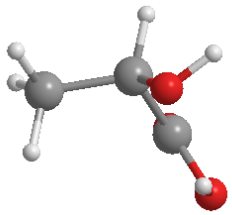
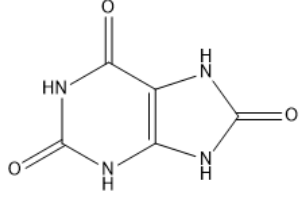
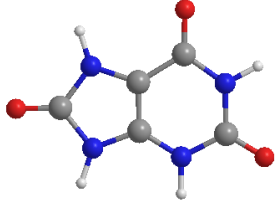
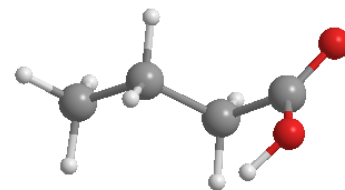
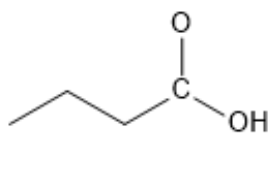


LAMPIRAN

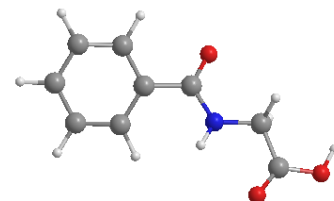
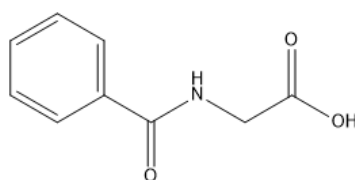
Lampiran I. Struktur senyawa 2D dan 3D *Milk Kefir*.

No.	Nama Senyawa	Struktur 2D	Struktur 3D
1.	Acetoin		
2.	Orotic acid		
3.	Citric acid		
4.	Pyruvic acid		
5.	Lactic acid		
6.	Uric acid		

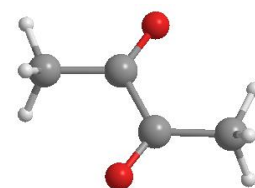
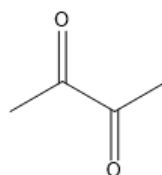
7. Butyric acid



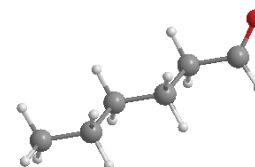
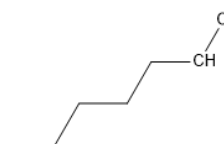
8. Hippuric acid



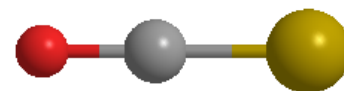
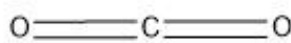
9. Diacetyl



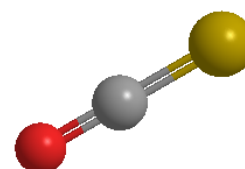
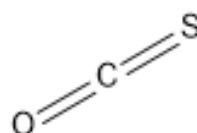
10. n-Hexanal



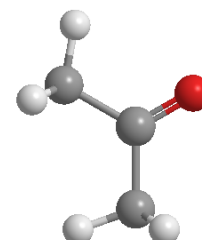
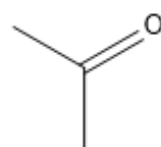
11. Carbon dioxide



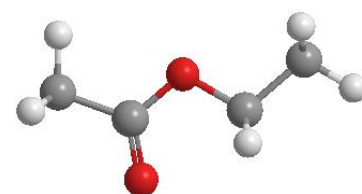
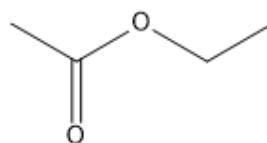
12. Carbonyl sulfide



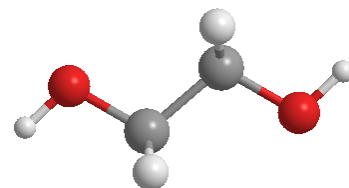
13. Acetone



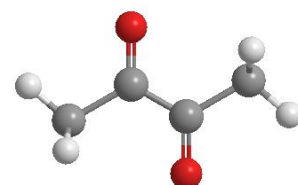
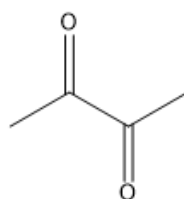
14. Ethyl acetate



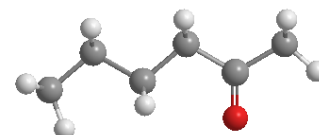
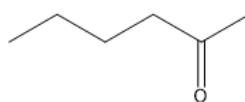
15. 1,2-Ethandiol



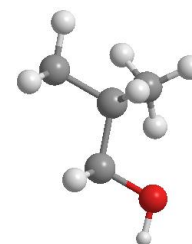
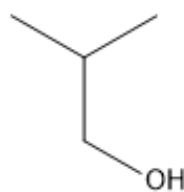
16. 2,3-Butanedione



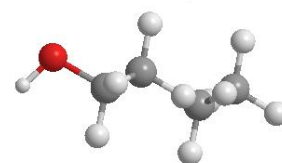
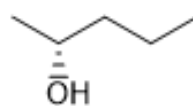
17. Hexan-2-one



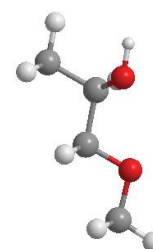
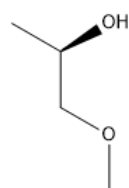
18. 2-Methylpropan-1-ol



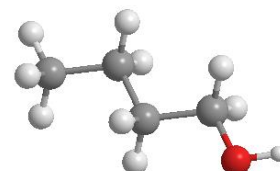
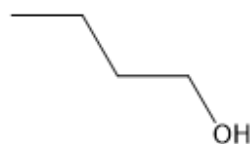
19. Pentan-2-ol



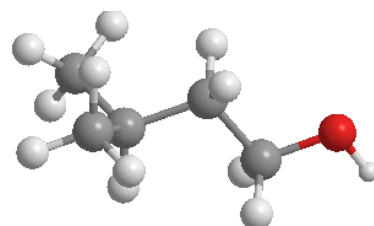
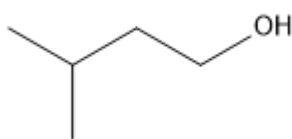
20. 1-Methoxy-2-propanol



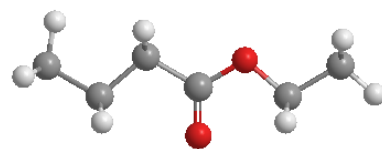
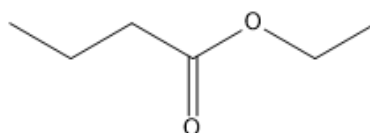
21. Butan-1-ol



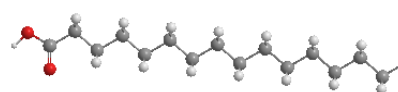
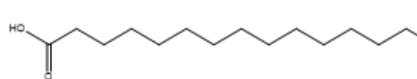
22. 3-Methylbutan-1-ol



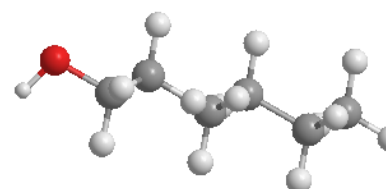
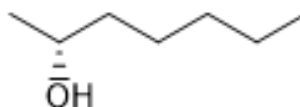
23. Ethyl butyrate



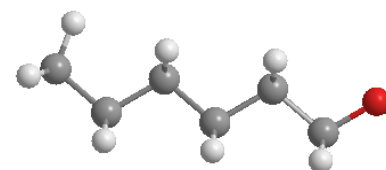
24. Hexadecanoic acid



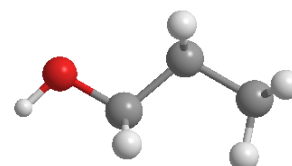
25. Heptan-2-ol



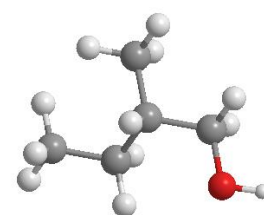
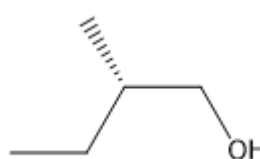
26. Hexan-1-ol



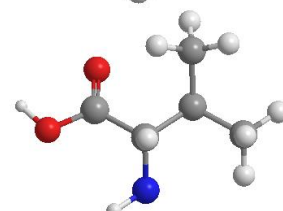
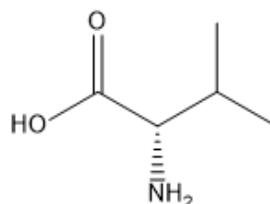
27. 1-Propanol



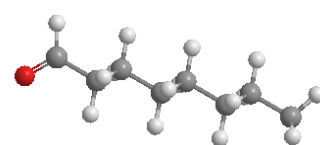
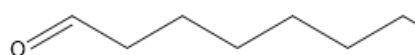
28. 2-Methyl-1-butanol



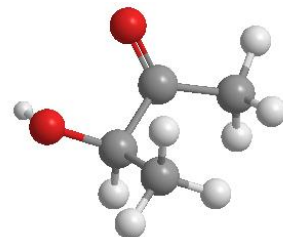
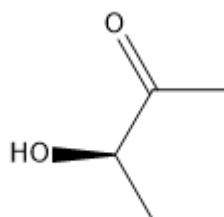
29. 3-Methyl(s)



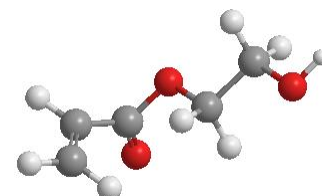
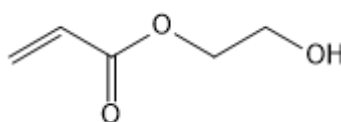
30. Octanal



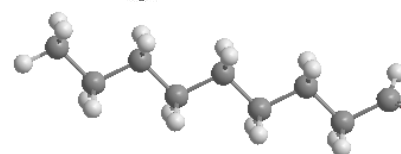
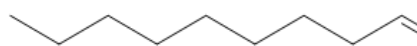
31. 3-Hydroxy-2-butanone



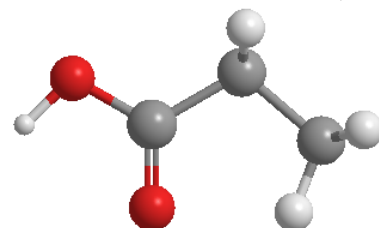
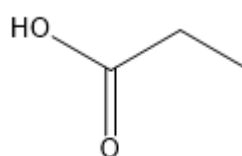
32. 2-Hydroxy-ethyl ester



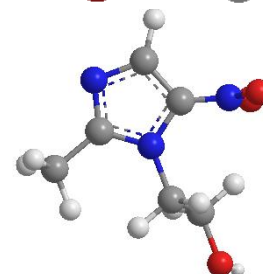
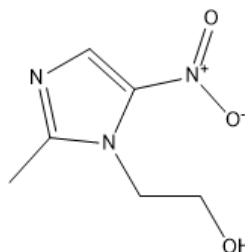
33. Nonanal



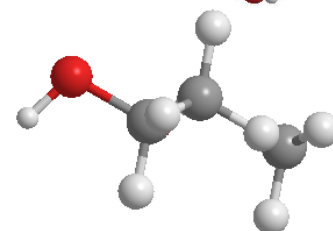
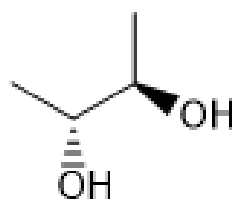
34. Propionic acid



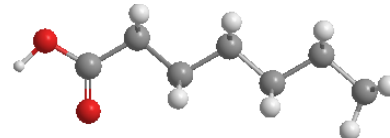
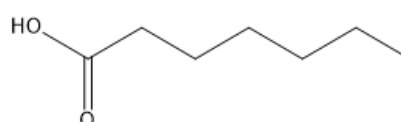
35. 2-Methyl



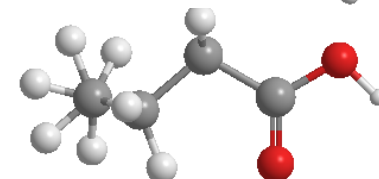
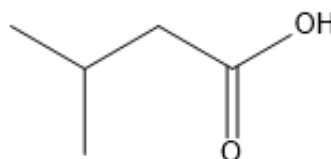
36. 2,3-Butanediol



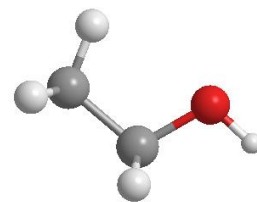
37. Heptanoic acid



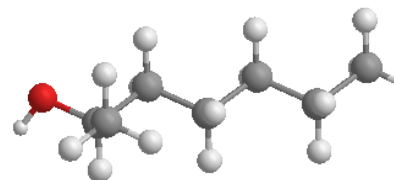
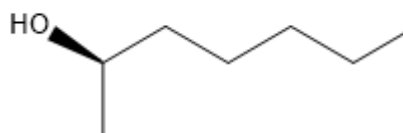
38. Iso-valeric acid



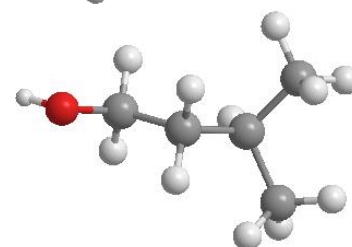
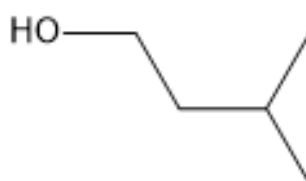
39. Ethanol



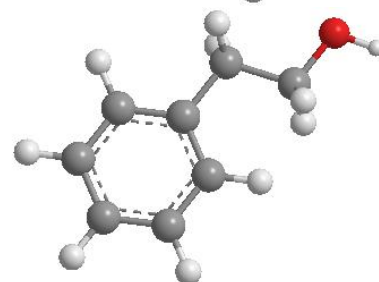
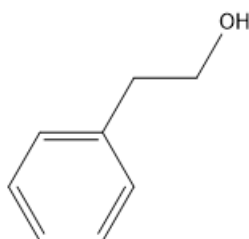
40. 2-Heptanol



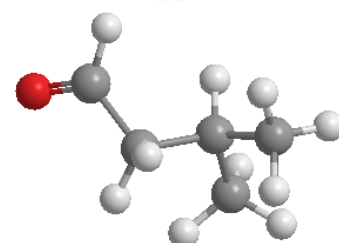
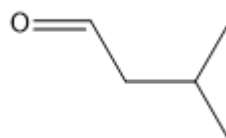
41. 3-Methyl-1-butanol



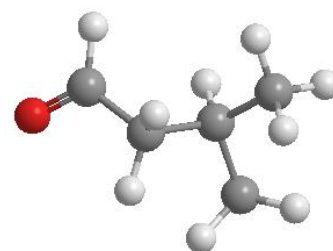
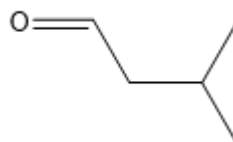
42. Benzeneethanol



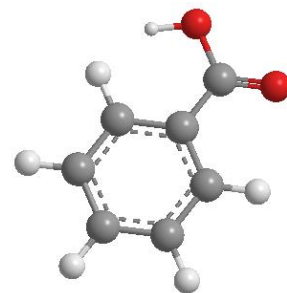
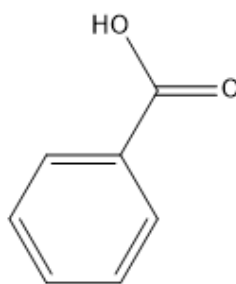
43. 3-Methylbutanal



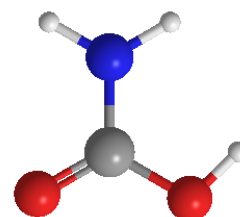
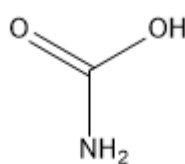
44. Acetaldehyde



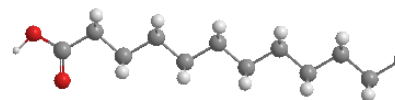
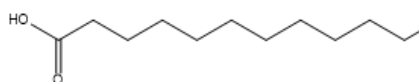
45. Benzoic acid



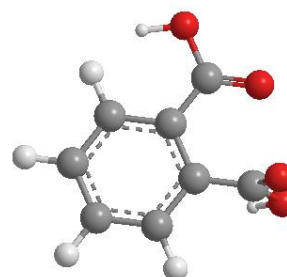
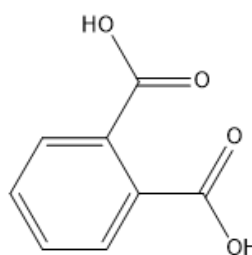
46. Carbamic acid



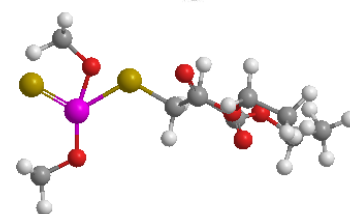
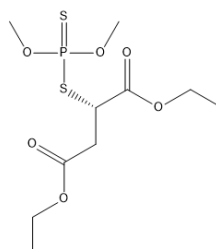
47. Dodecanoic acid



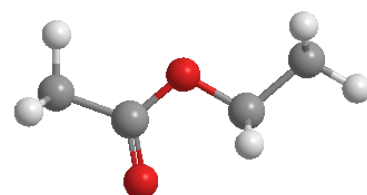
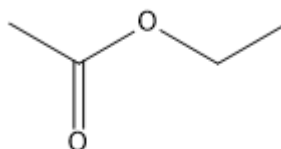
48. 1,2-Benzenedicarboxylic acid



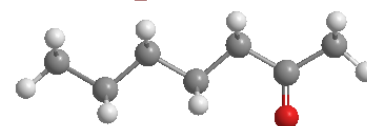
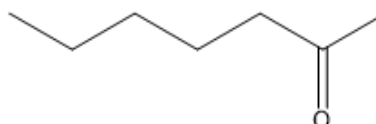
49. Diethyl ester



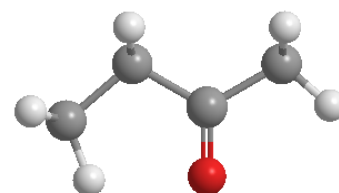
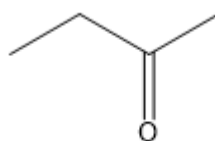
50. Acetic acid ethyl ester



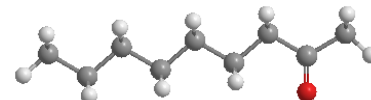
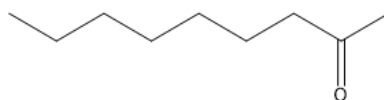
51. 2-Heptanone



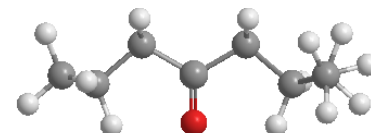
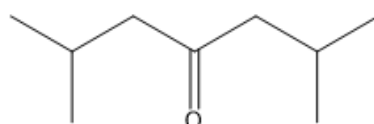
52. 2-Butanone



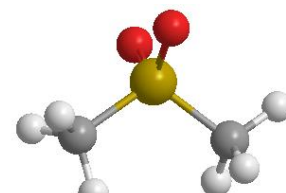
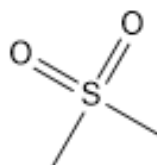
53. 2-Nonanone



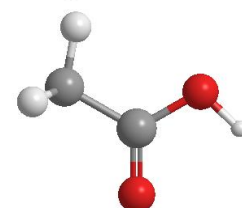
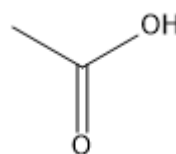
54. 2,6-Dimethyl-4-heptanone



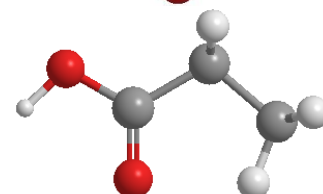
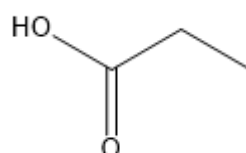
55. Dimethyl sulfone



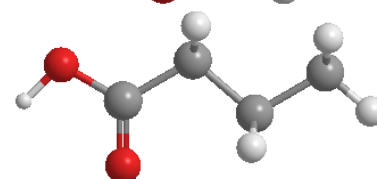
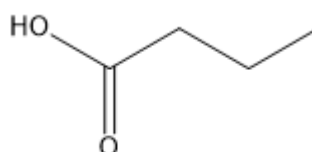
56. Acetic acid



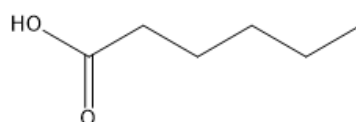
57. Propanoic acid



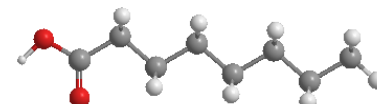
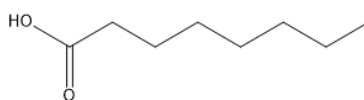
58. Butanoic acid



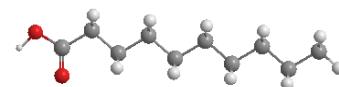
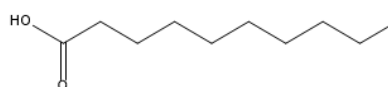
59. Hexanoic acid



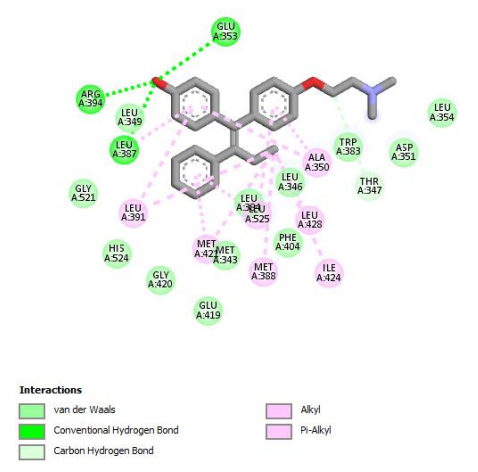
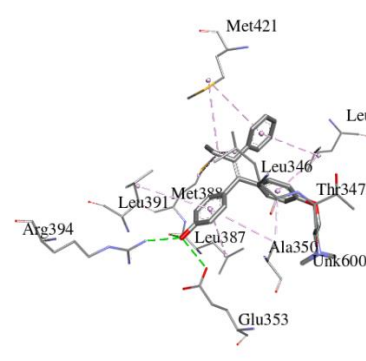
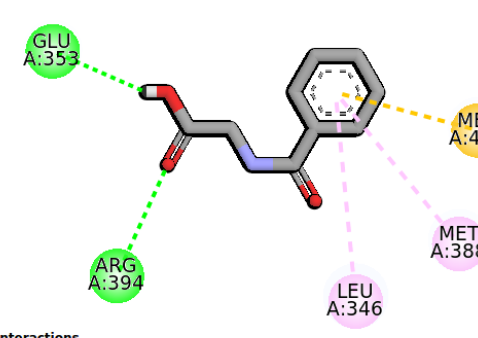
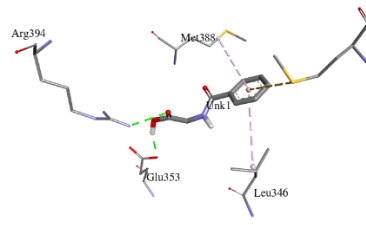
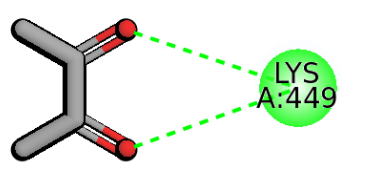
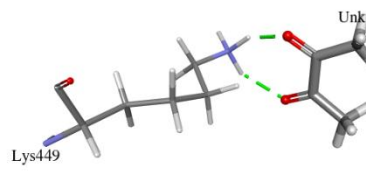
60. Octanoic acid

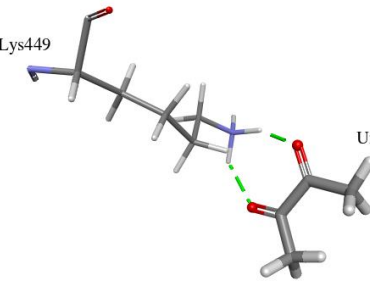
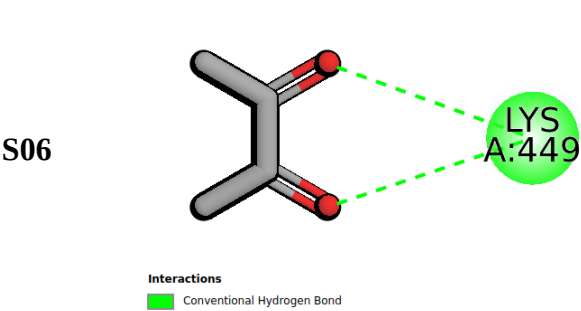
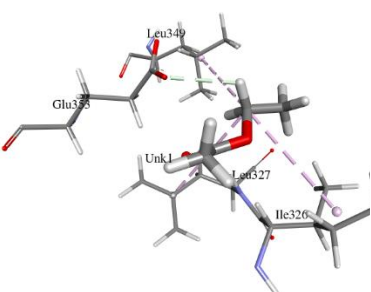
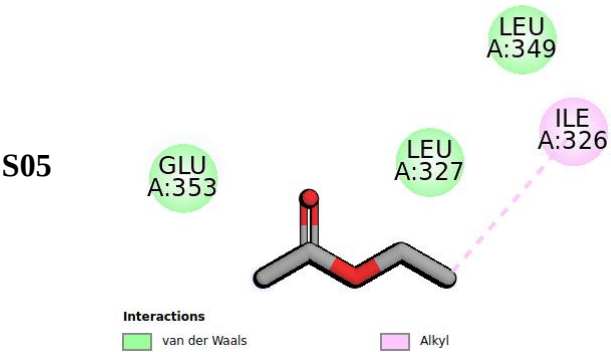
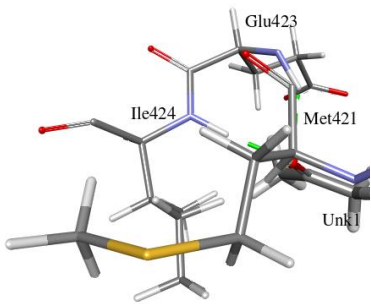
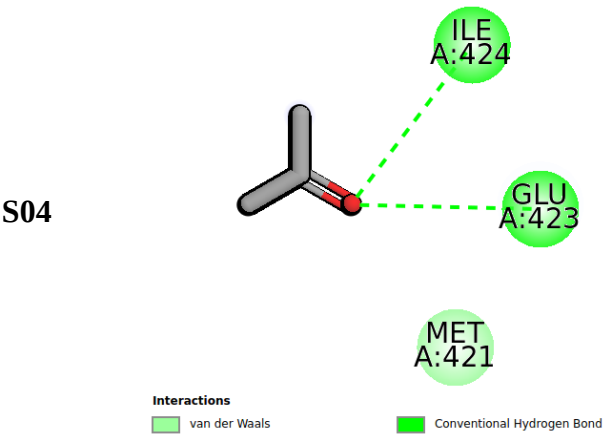
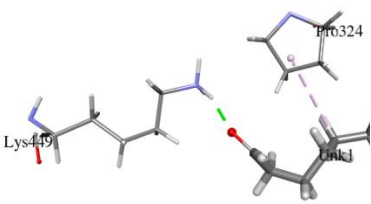
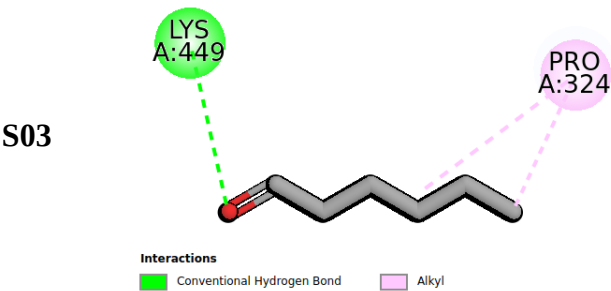


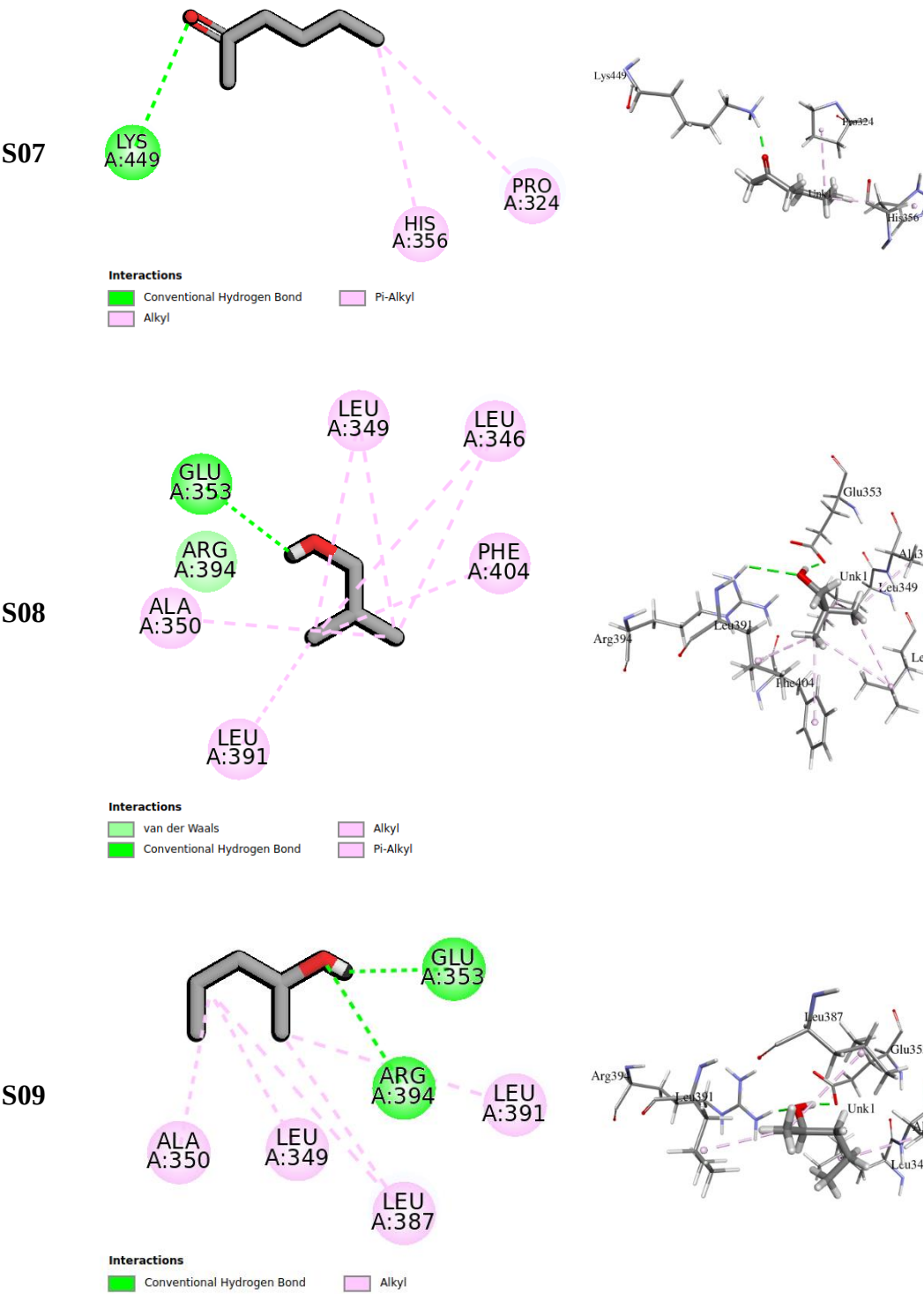
61. Decanoic acid

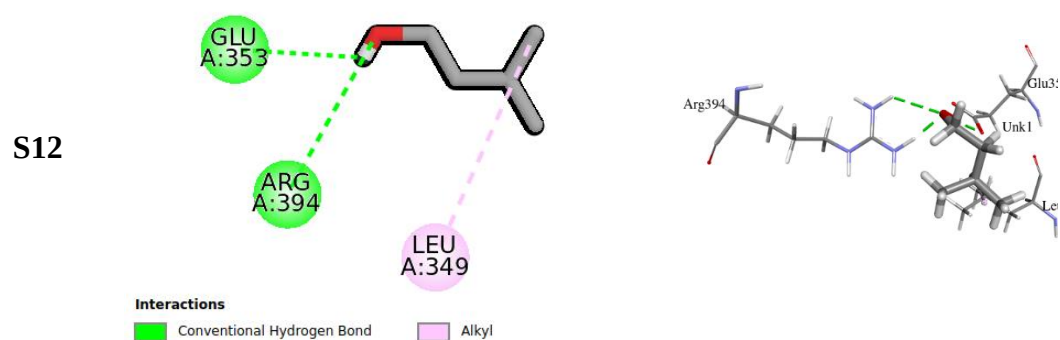
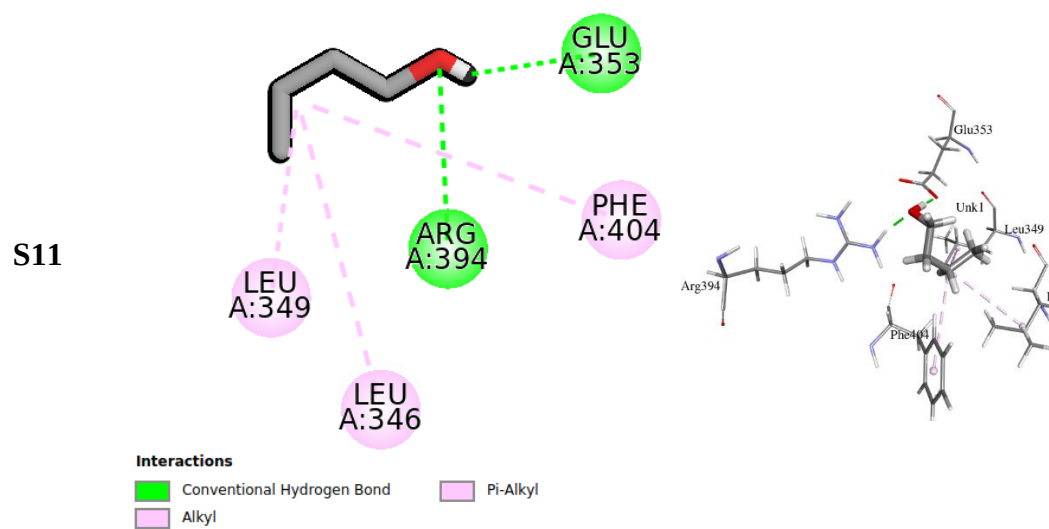
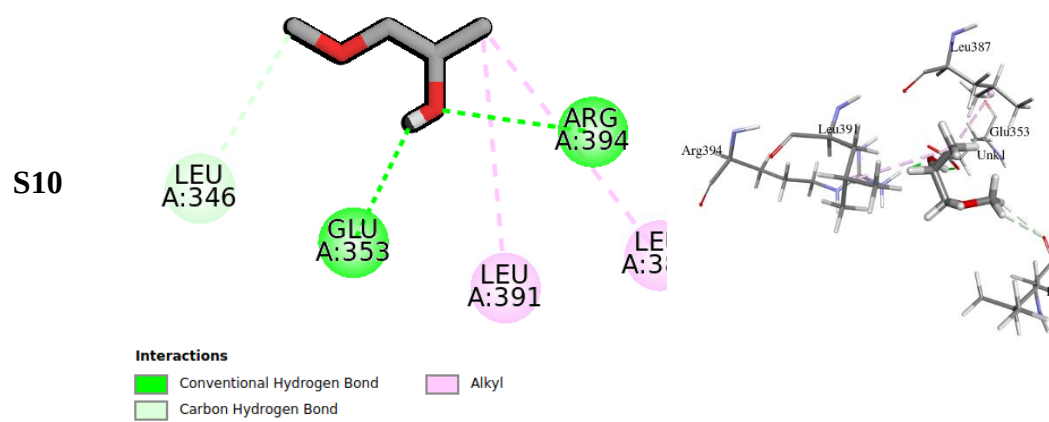


Lampiran II. Visualisasi 2D, 3D dan Interaksi Hasil Penambatan Molekul Ligan Alami dan Ligan

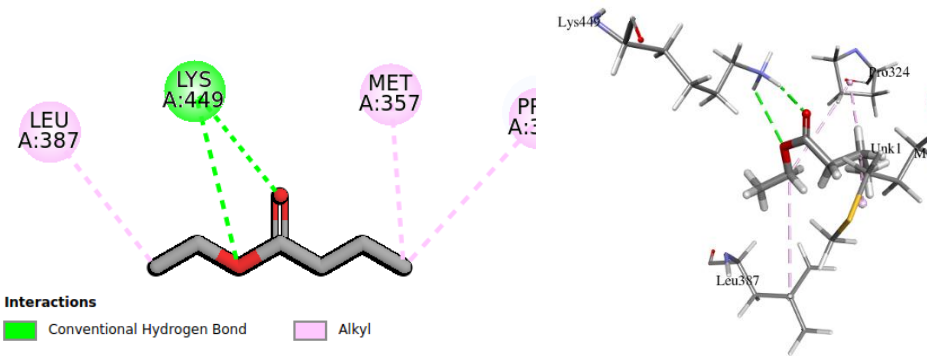
Kode Ligan	Visualisasi	
	2D	3D
LA	 Interactions - van der Waals - Conventional Hydrogen Bond - Carbon Hydrogen Bond - Alkyl - Pi-Alkyl	
S01	 Interactions - Conventional Hydrogen Bond - Pi-Sulfur - Pi-Alkyl	
S02	 Interactions Conventional Hydrogen Bond	



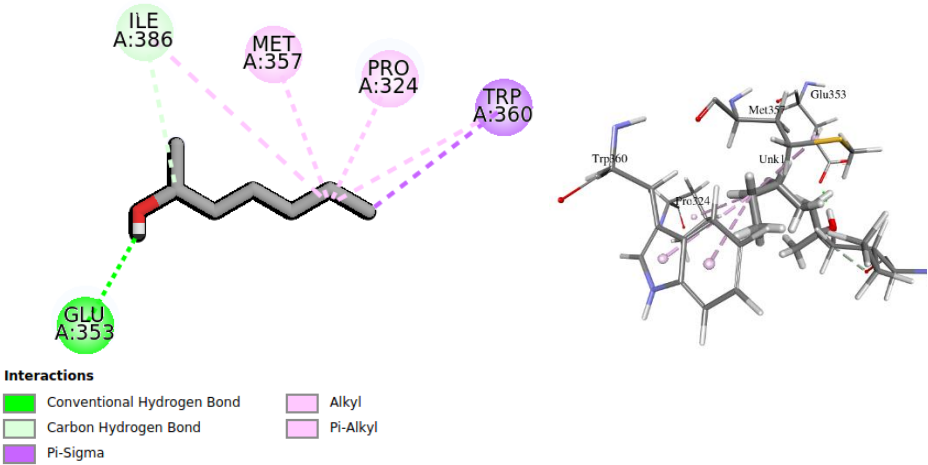




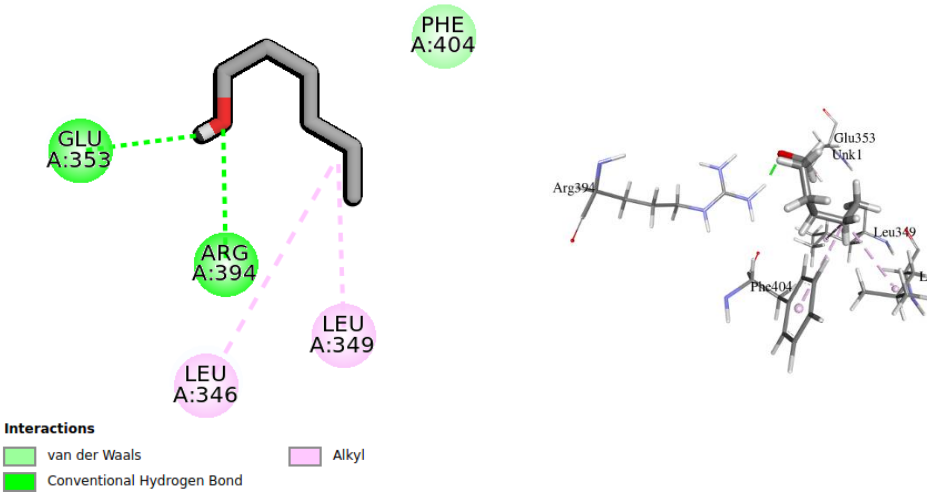
S13



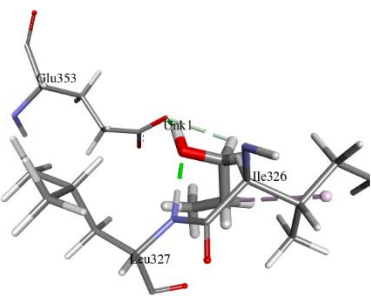
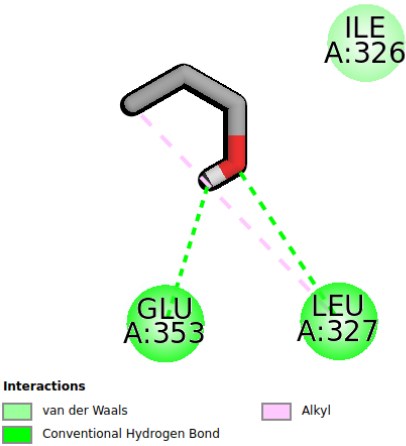
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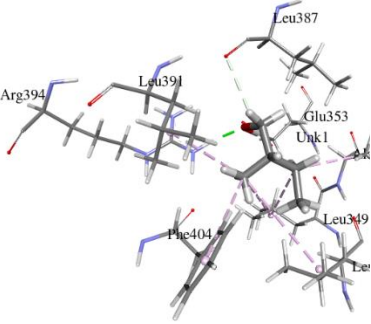
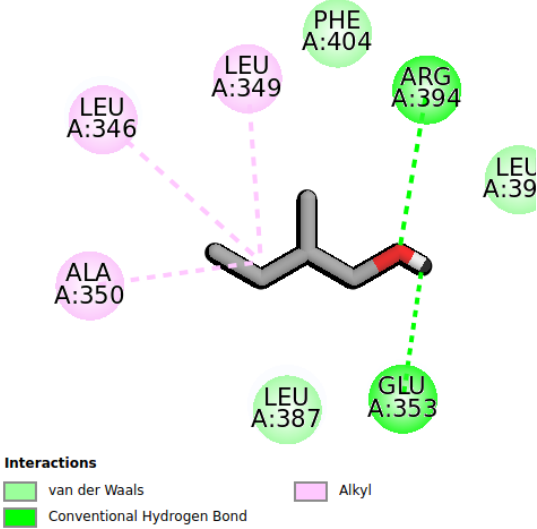
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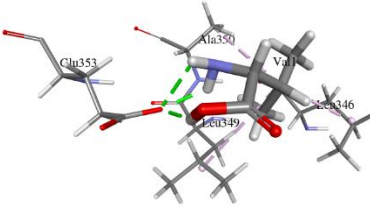
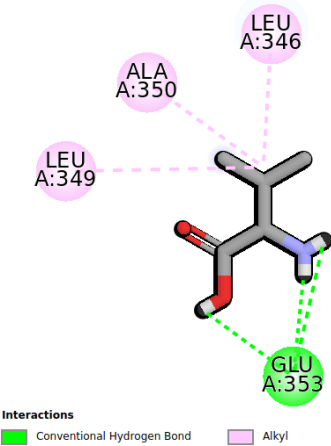
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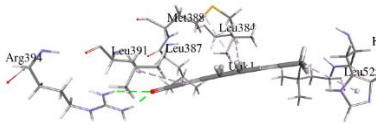
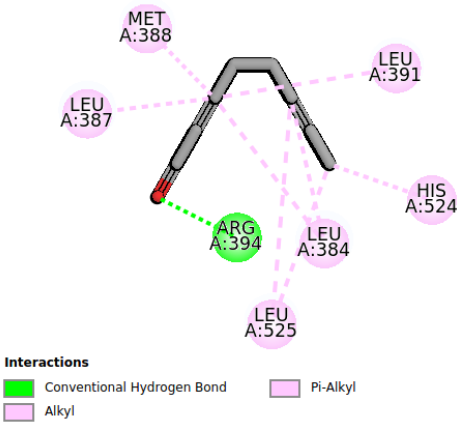
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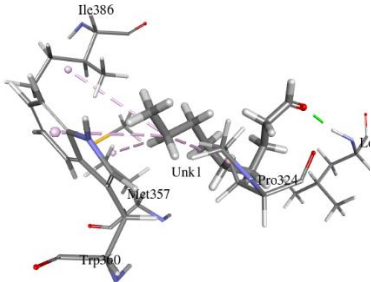
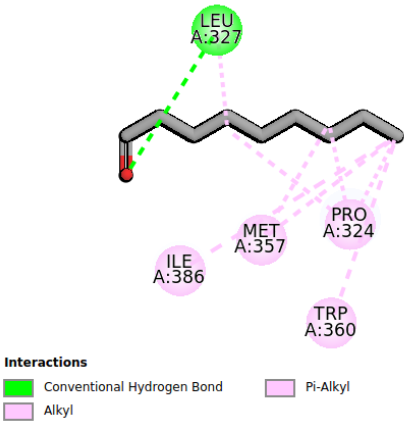
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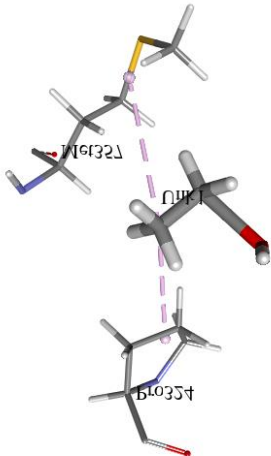
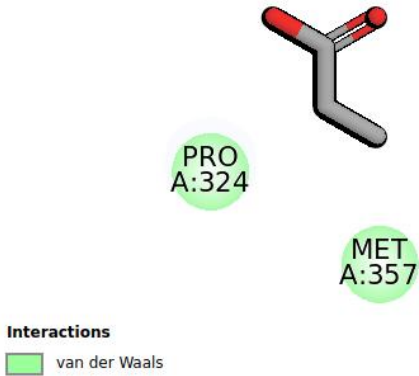
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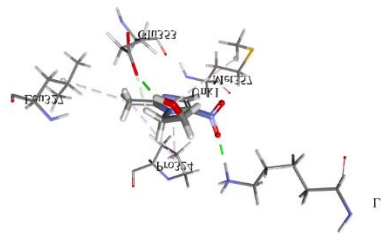
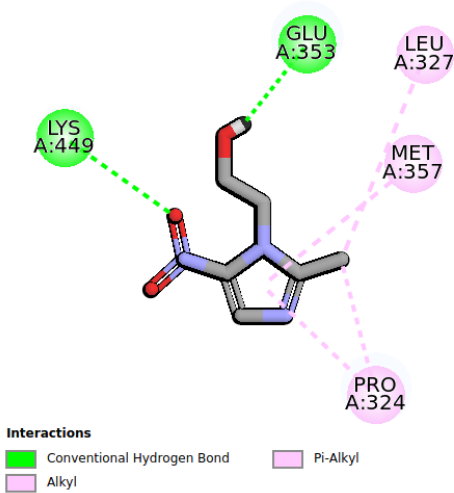
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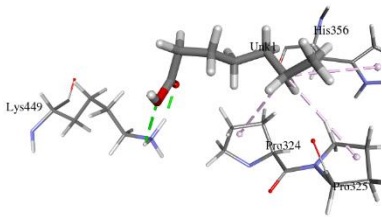
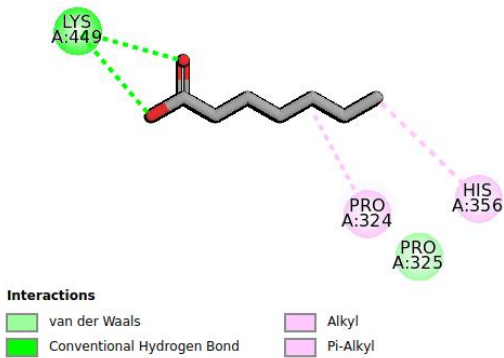
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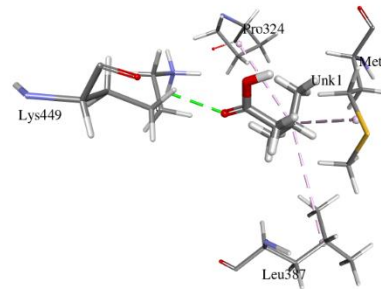
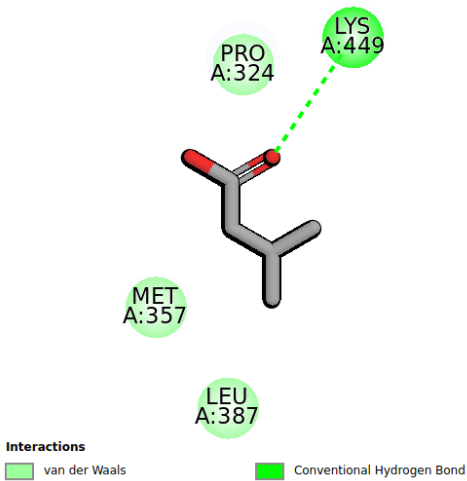
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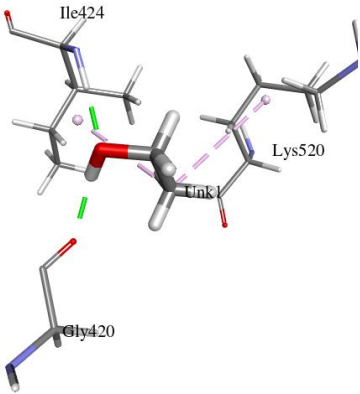
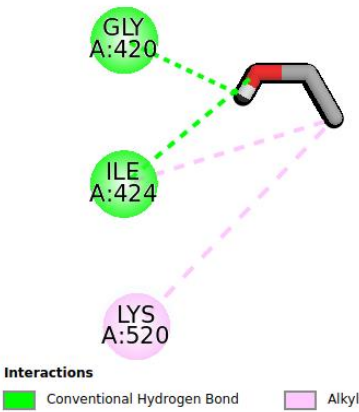
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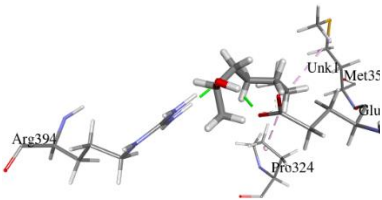
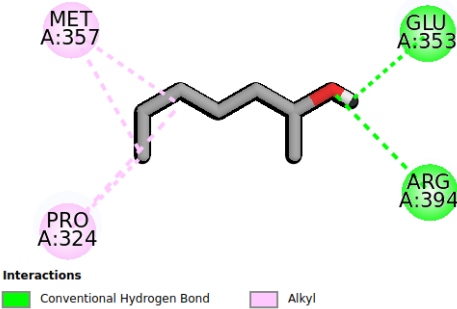
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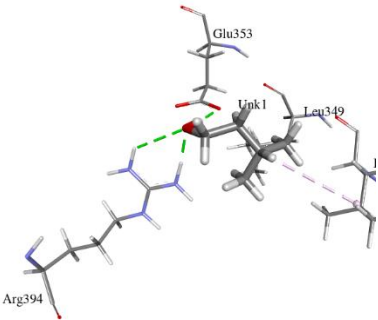
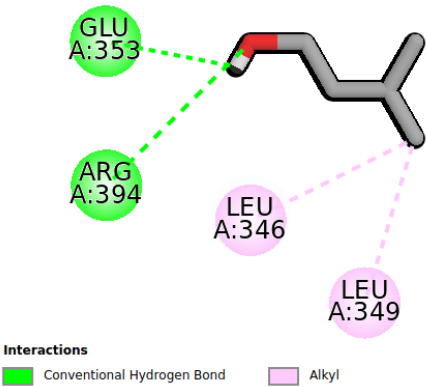
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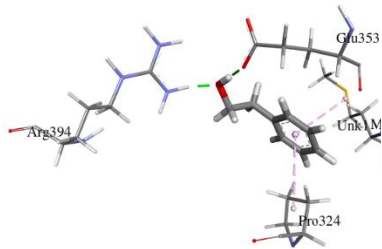
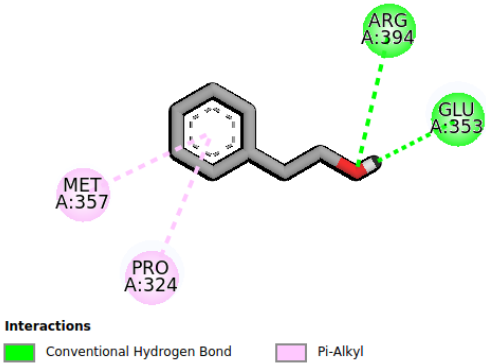
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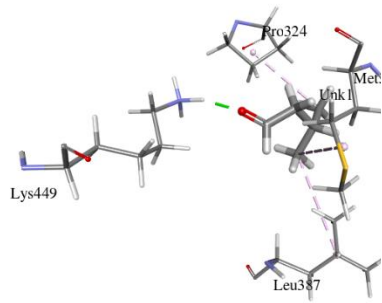
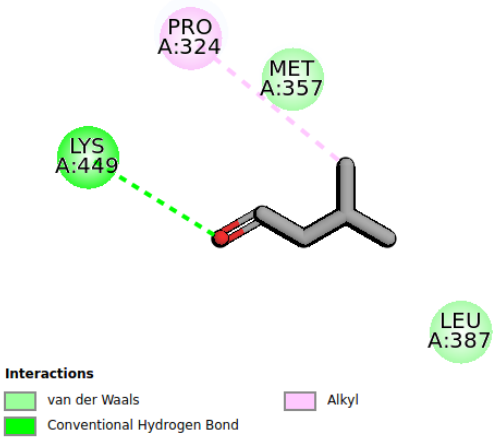
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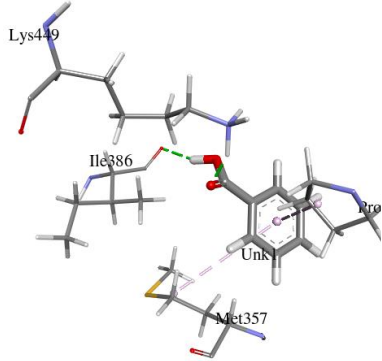
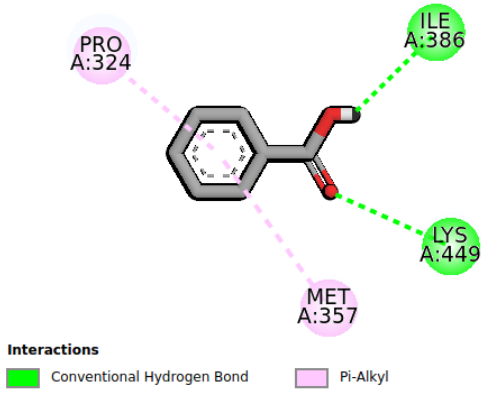
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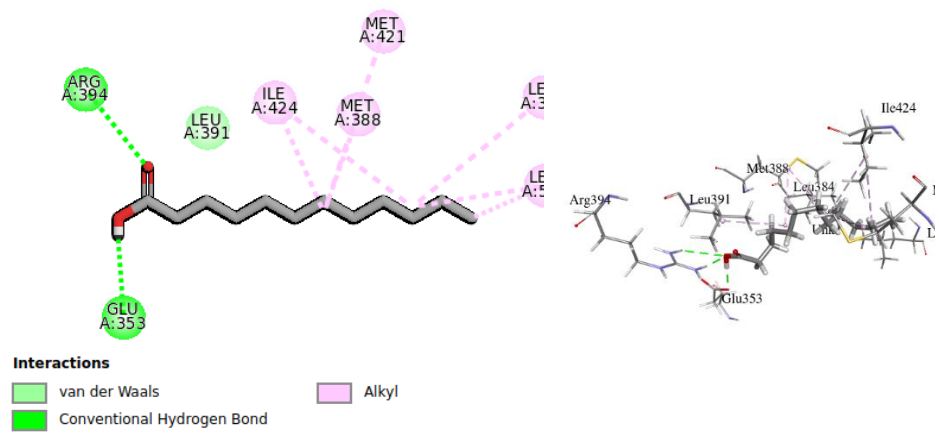
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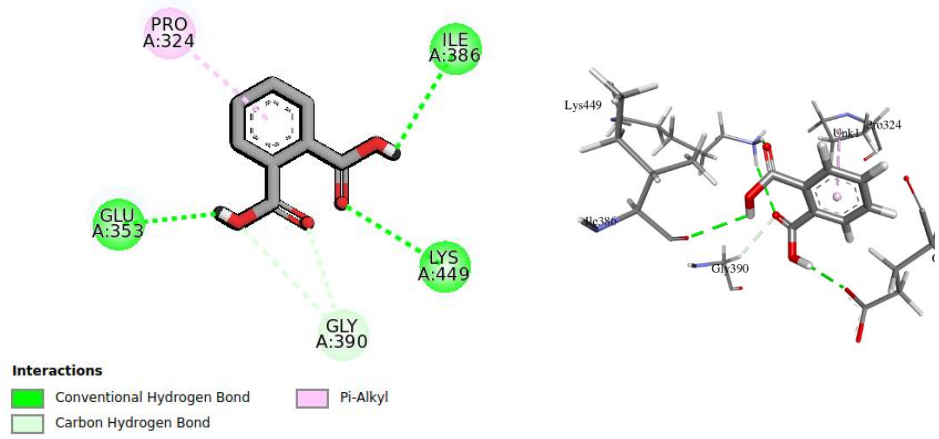
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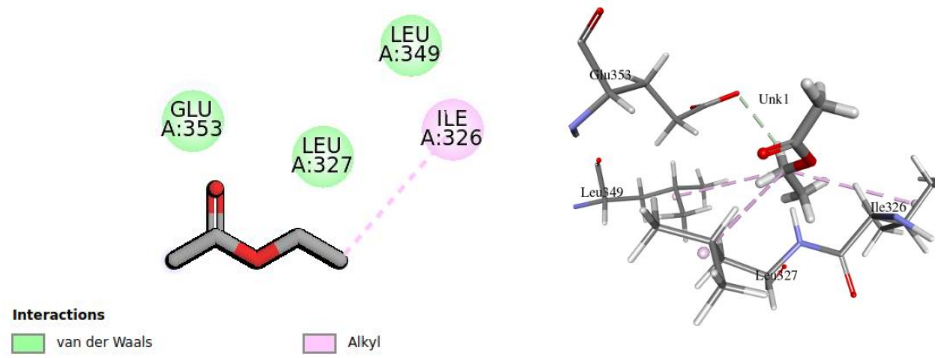
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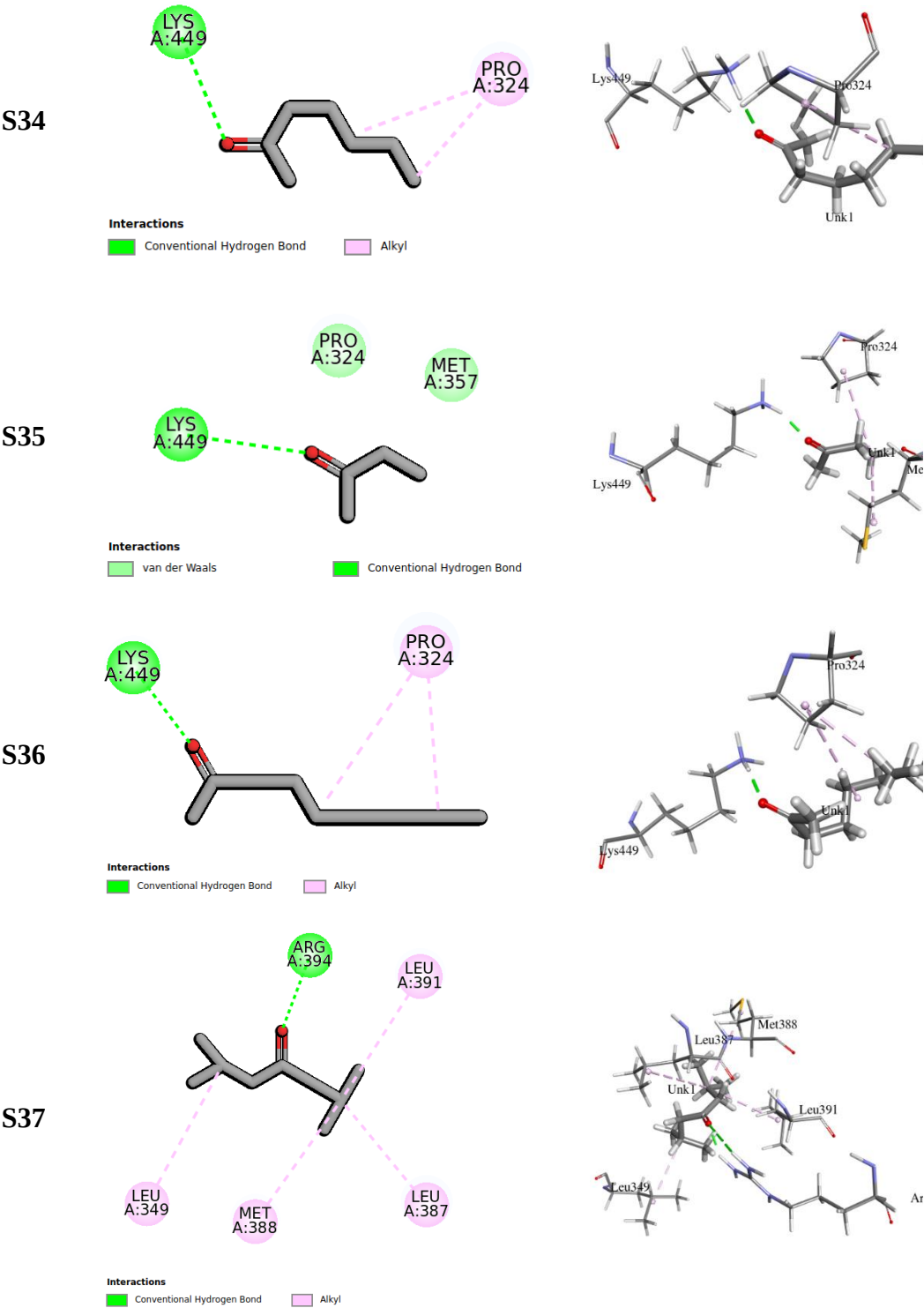


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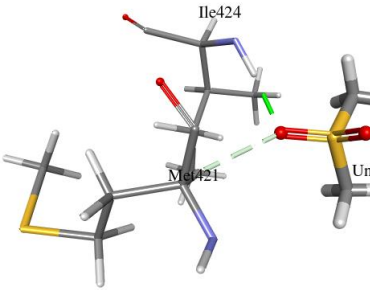
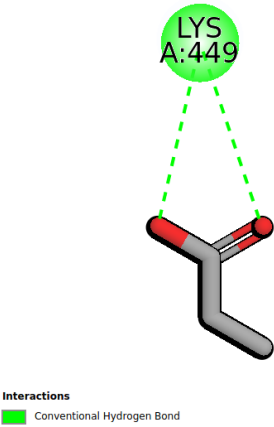


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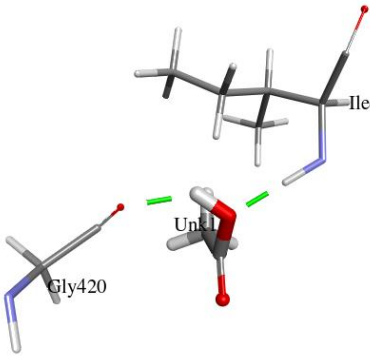
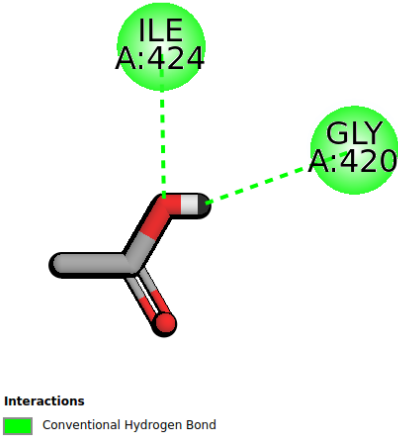




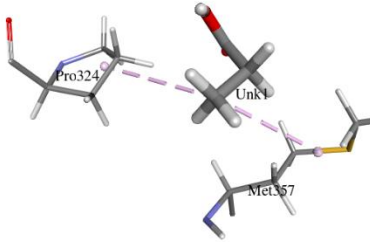
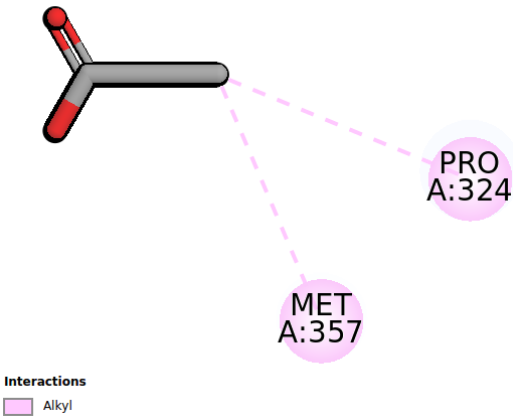
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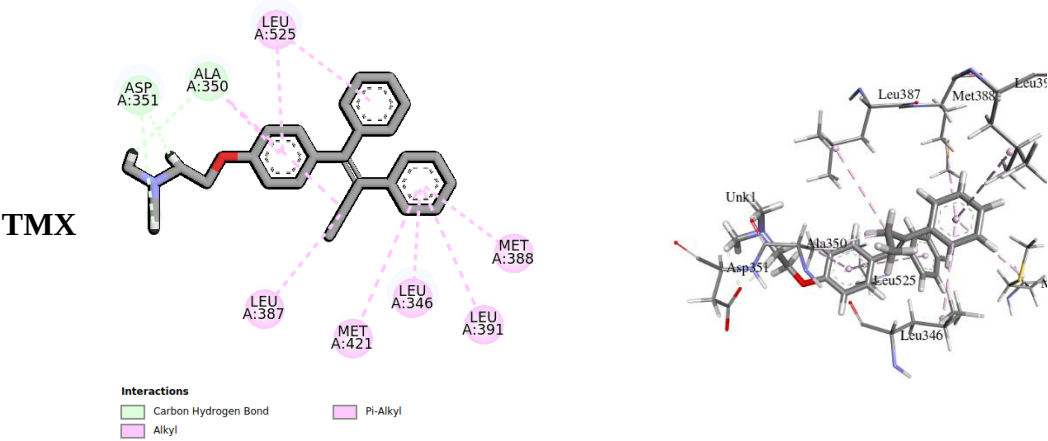
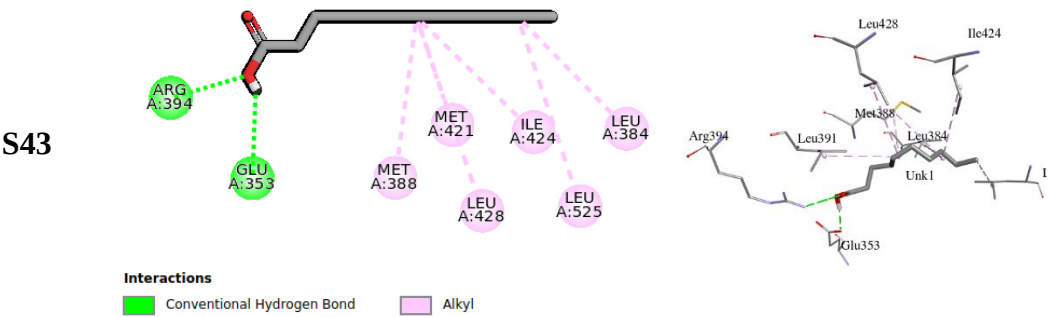
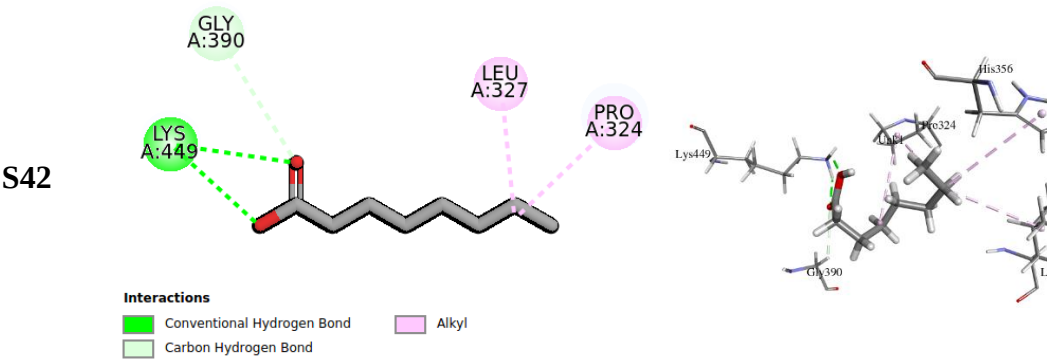
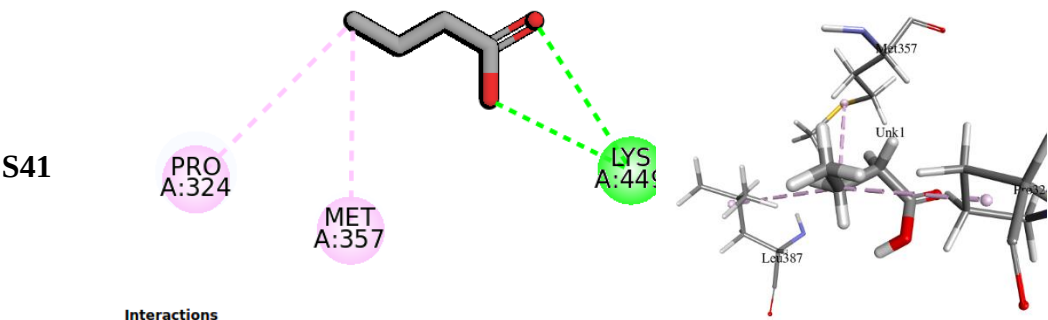


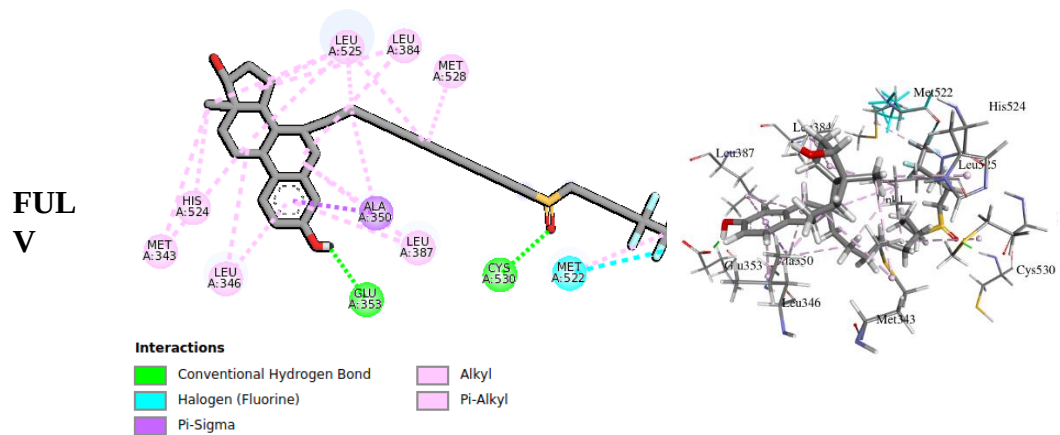
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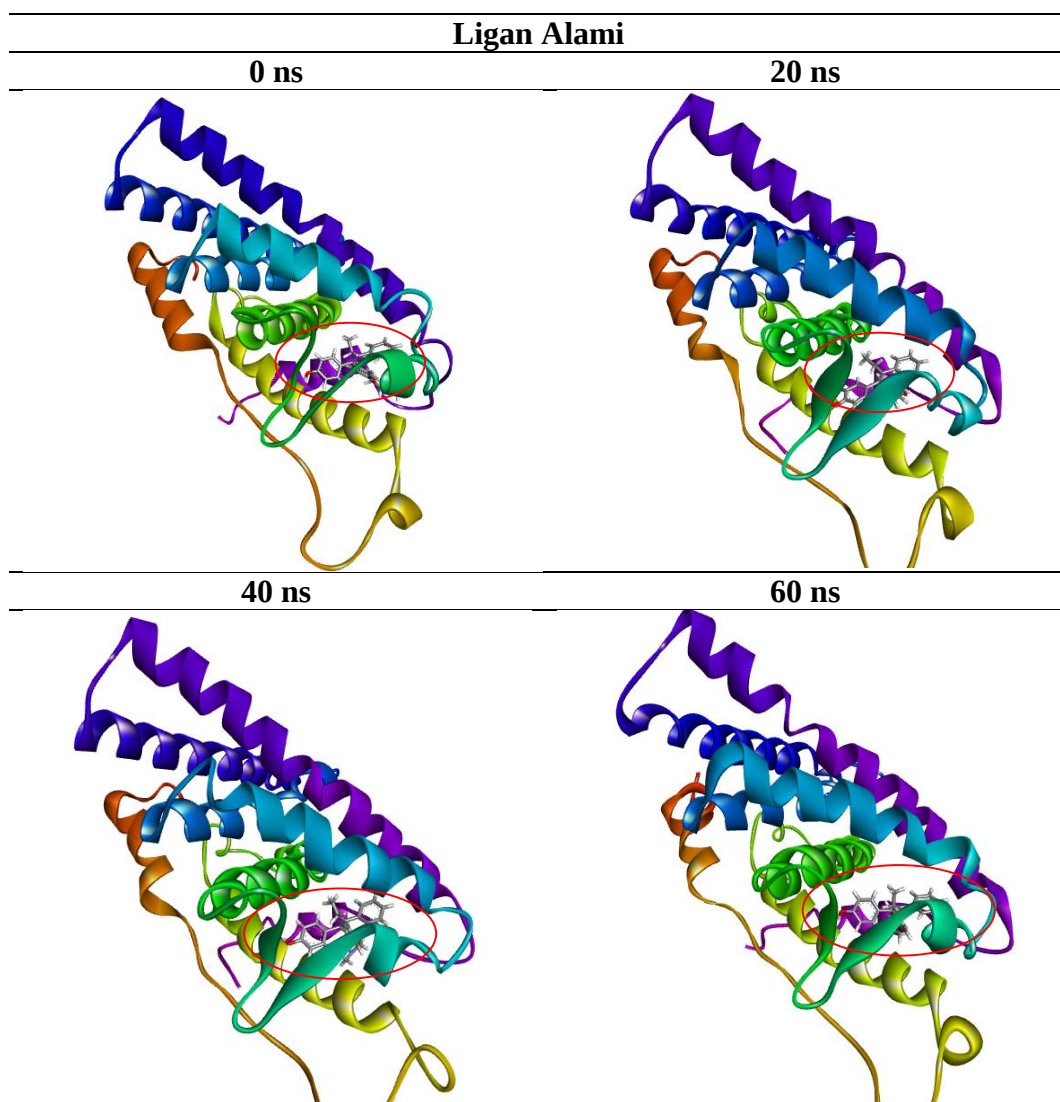
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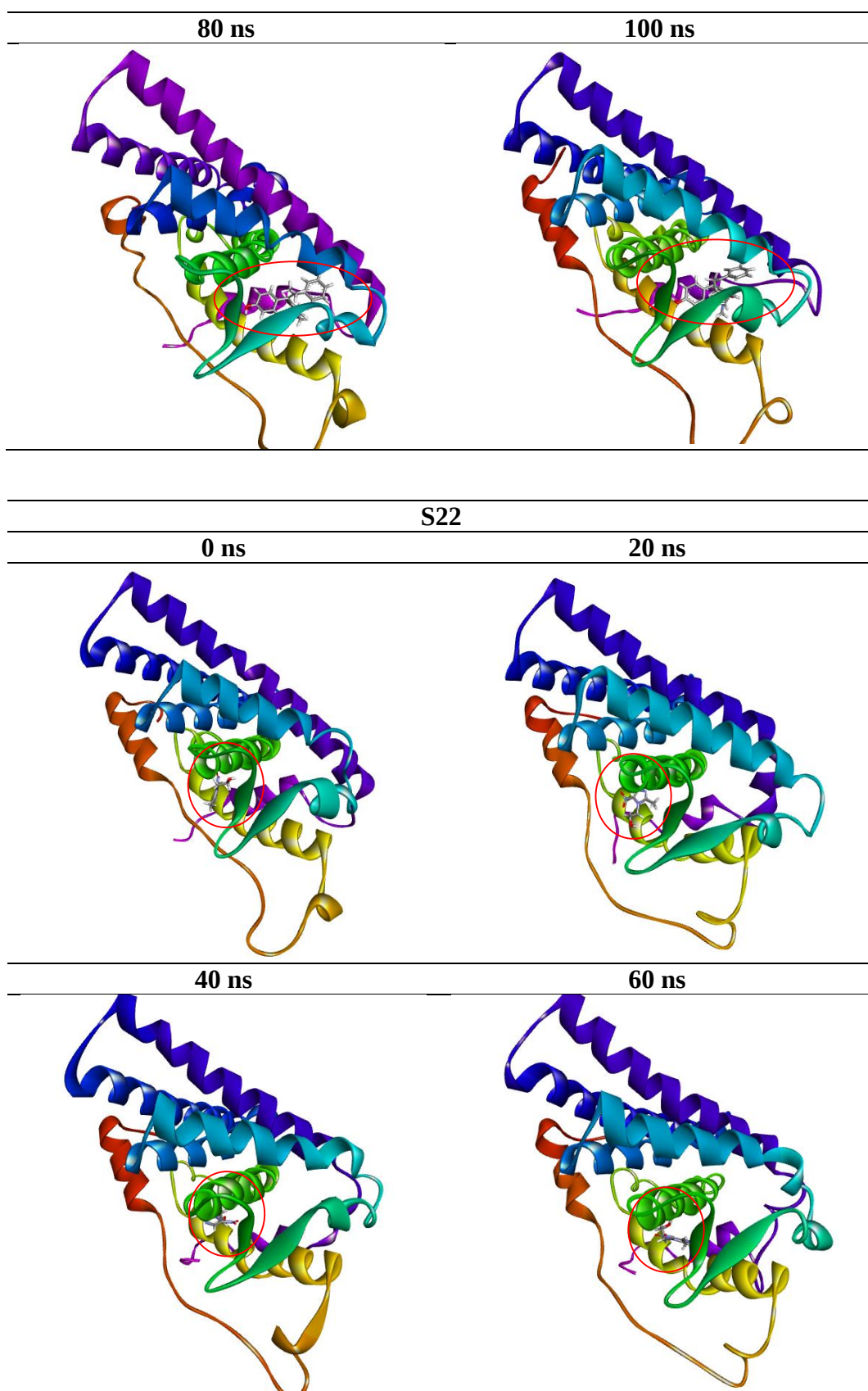


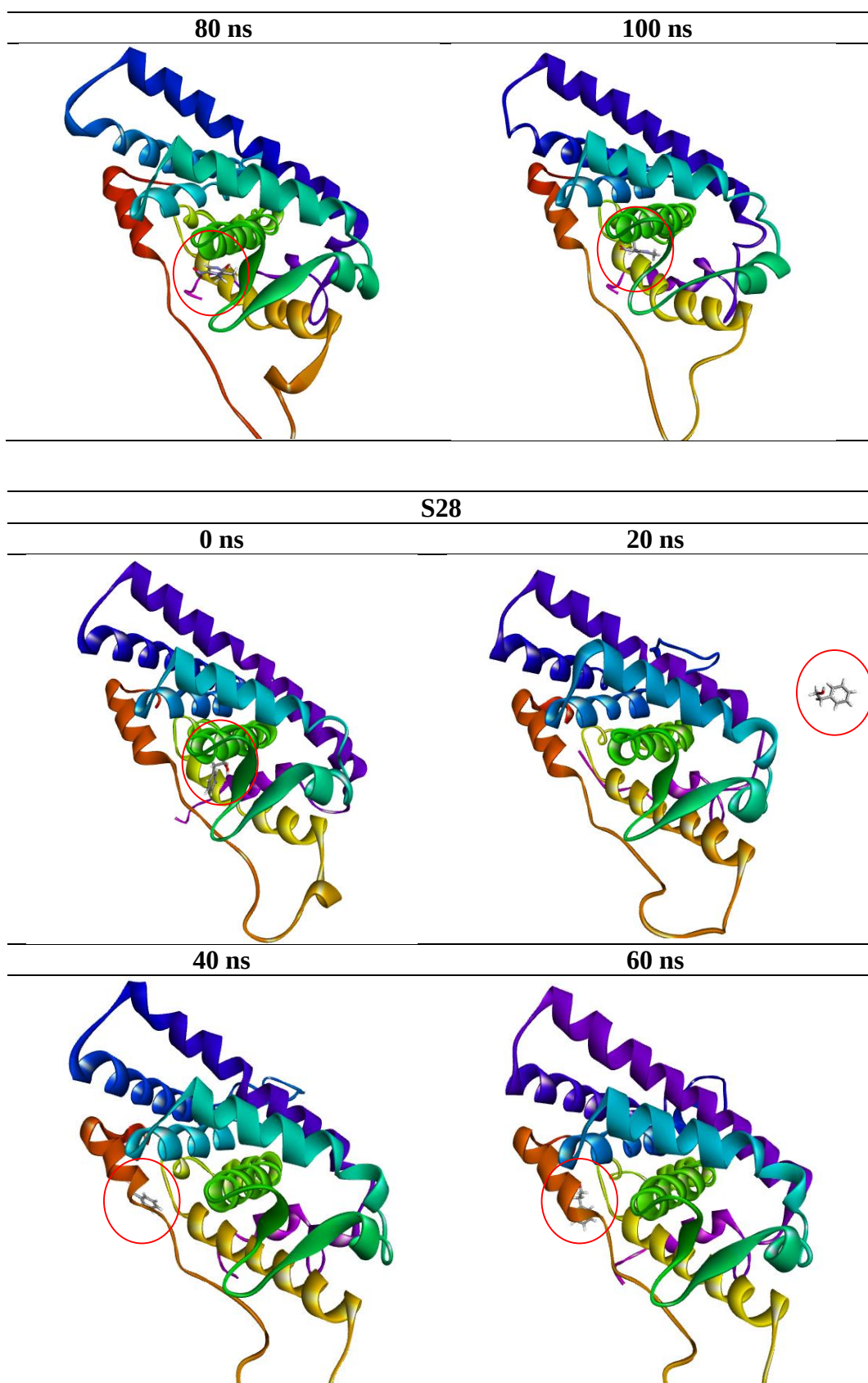


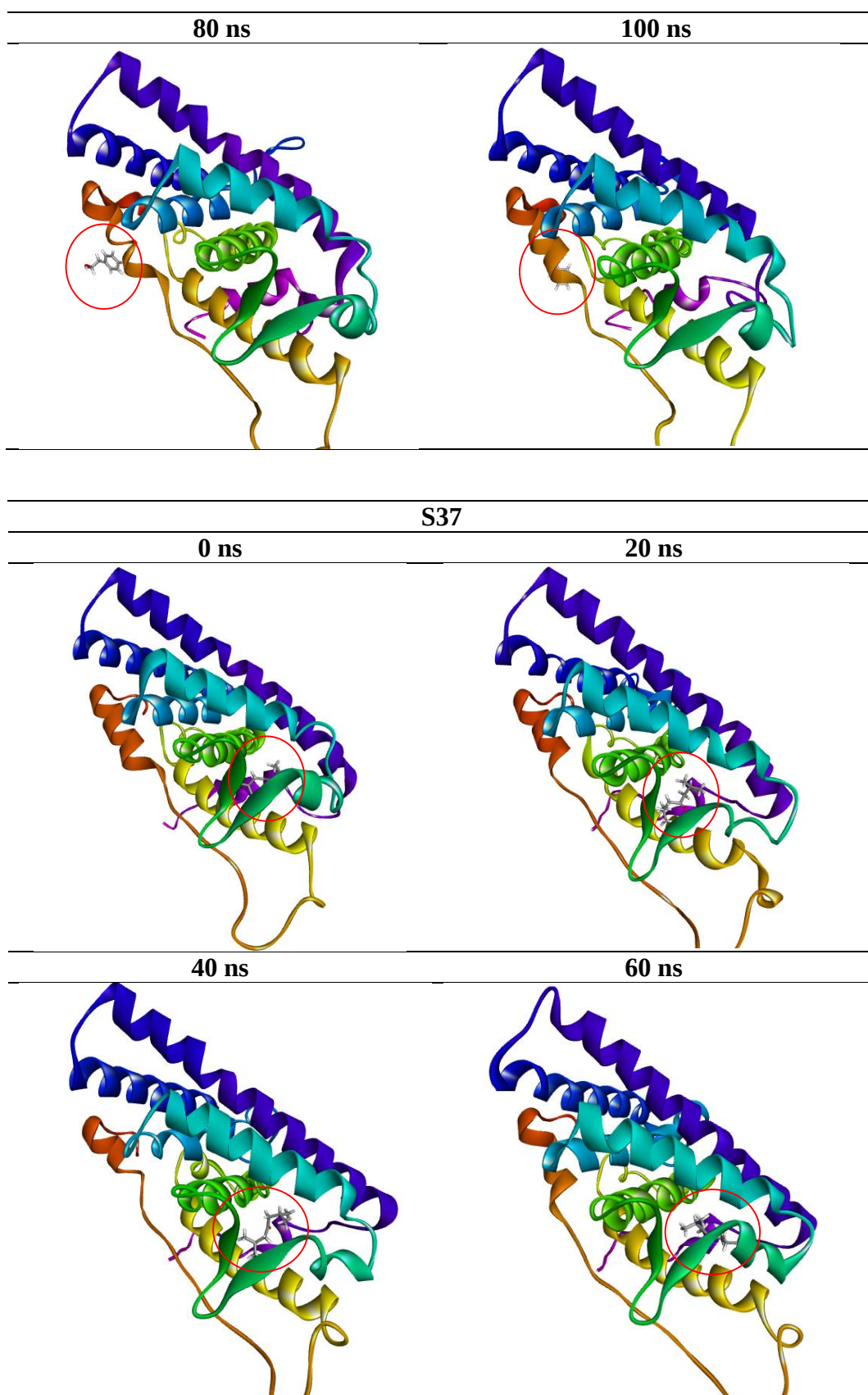


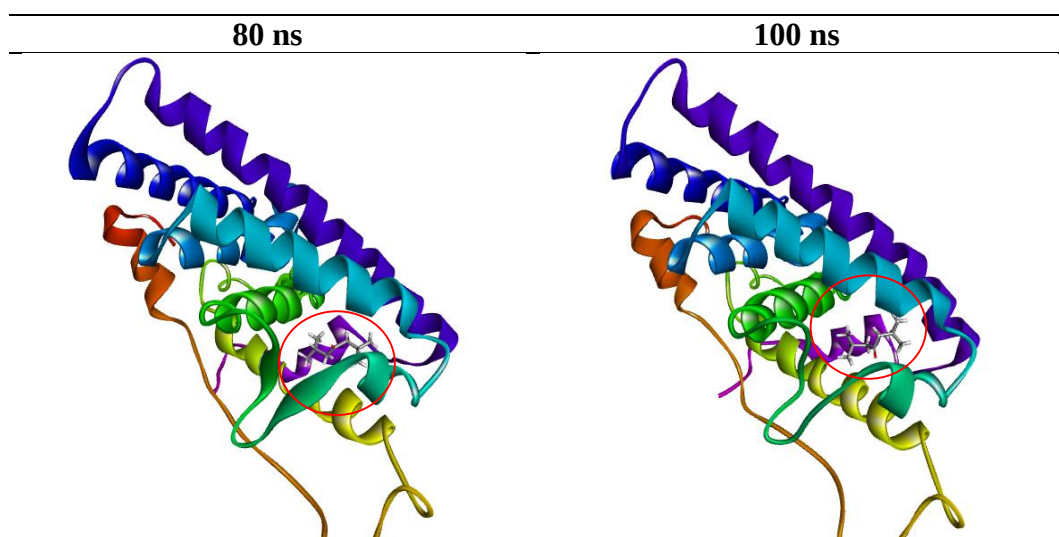
Lampiran III. Analisis pergerakan ligan alami dan ligan uji per-ns



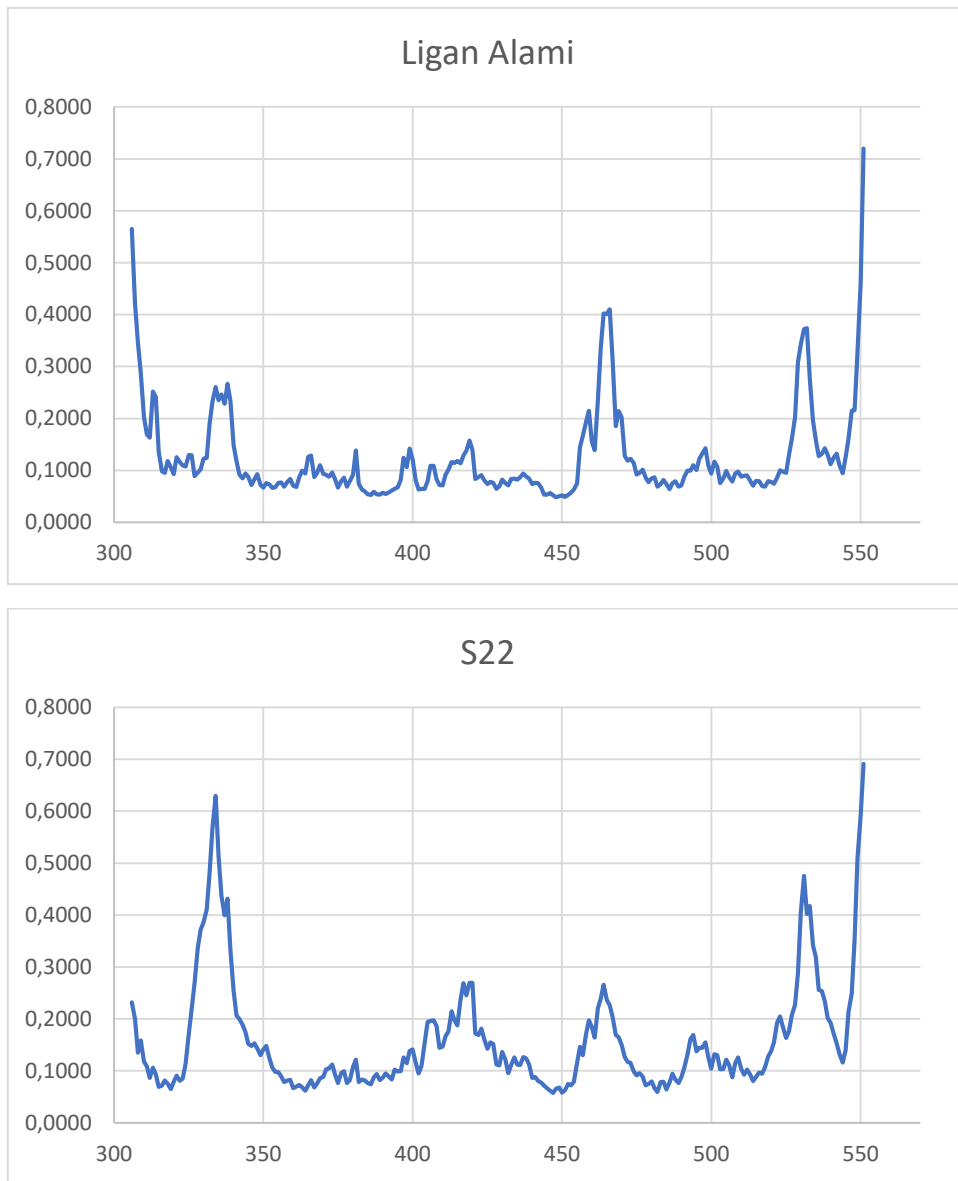


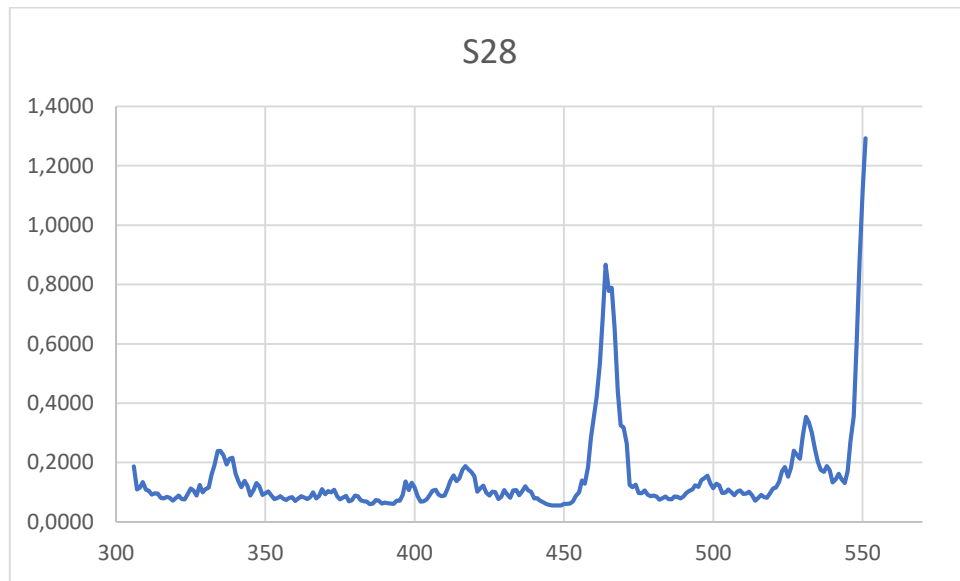




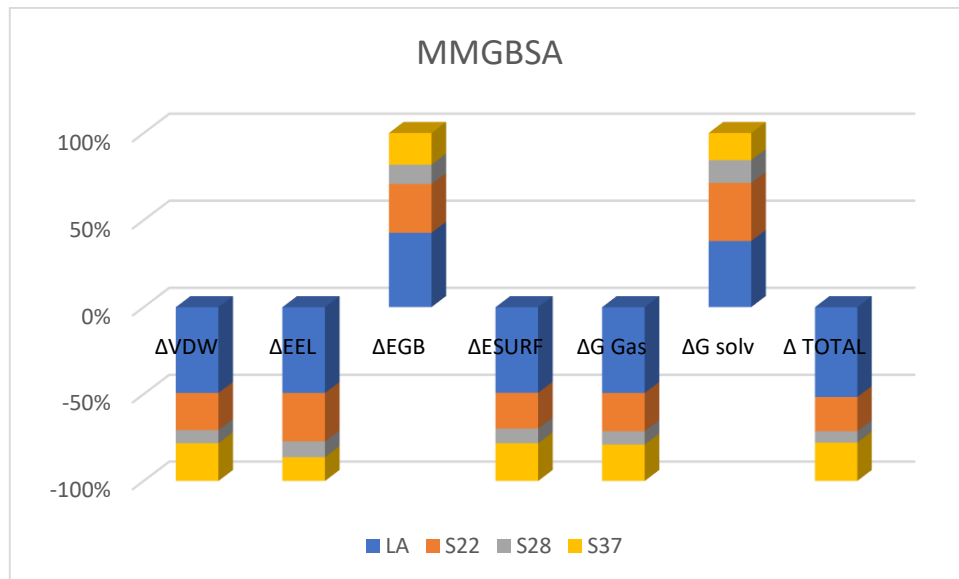


Lampiran IV. Fluktuasi Redisu disekitar atom pengikatan





Lampiran V. Grafik komponen energi MMGBSA



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Nama Mahasiswa	: Salwaa Syifani Susilo
NPM	: 2017F03056
Bidang Ilmu	: Analisis farmasi dan Kimia Medisinal (AFKM)

N o	Hari/Tanggal	Waktu	Tempat	Materi	Paraf Dosen
1.	19 Oktober 2023	09.00	Kampus USBK Bandung	Bimbingan Pertama.	[Signature]
2.	30 Oktober 2023	13.00	Kampus USBK Bandung	menentukan tema penelitian.	[Signature]
3.	9 November 2023	11.00	Kampus USBK Bandung	menentukan tema penelitian.	[Signature]
4.	16 November 2023	09.30	Via WA	menentukan tema & judul Penelitian	[Signature]
5.	20 November 2023	15.00	Kampus USBK Bandung	Revisi latar belakang.	[Signature]
6.	22 November 2023	15.00	Kampus USBK Bandung	Revisi Bab 1	[Signature]
7.	29 November 2023	08.35	Kampus Bku Bandung	Ganti tema & Judul	[Signature]
8.	08. Desember 2023	13.30	Kampus Bku Bandung	menentukan tema penelitian	[Signature]
9.	21. Desember 2023	08.00	Kampus Bku Bandung	Revisi Bab 1	[Signature]
10.	04. Januari 24	13.00	Kampus Bku Bandung	Revisi BAB 1-3	[Signature]
11.	09. Januari 2024	09.00	Kampus Bku Bandung.	Revisi BAB 1-2.	[Signature]
12.	10. Januari 2024	12.45	Kampus Bku Bandung.	Revisi BAB 1-3.	[Signature]

Catatan : Kartu ini harus dikumpulkan setiap kali melakukan bimbingan dan harus diisi oleh dosen pembimbing.



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Nama Mahasiswa	: Salwa Syifani Susilo
NPM	: 201703056
Bidang Ilmu	: AFKM (Analisis Farmasi dan Kimia Medisinal)

[illegible]

Catatan : Kartu ini harus dibawa setiap kali melakukan bimbingan dan harus diisi oleh dosen pembimbing.



SALWAA SYIFANI SUSILO

SI Farmasi

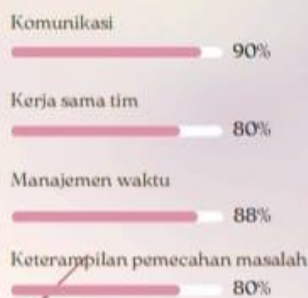
Saya Salwaa, Fresh graduate dari Universitas Bhakti Kencana dengan predikat lulusan sangat memuaskan. Senang belajar hal baru dan berorientasi pada detail serta memiliki aspirasi untuk bekerja dibidang Farmasi Industri.

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PLACE AND DATE OF BIRTH

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