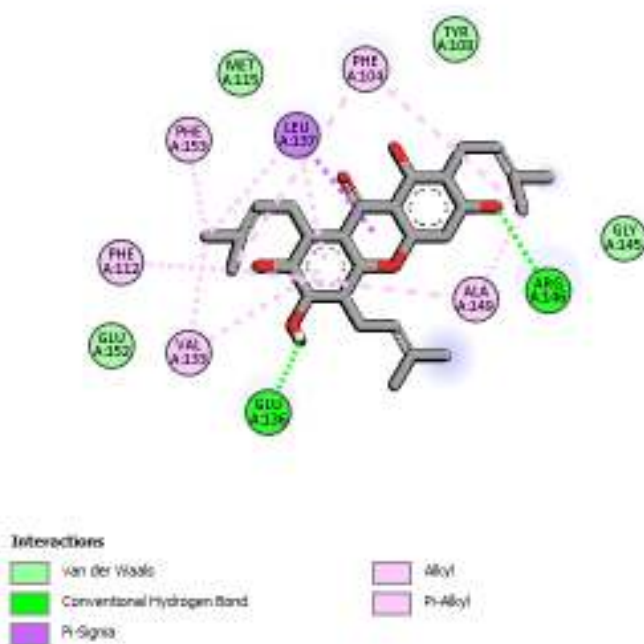


LAMPIRAN

Lampiran 1 Visualisasi hasil docking dengan tabel interaksi hasil docking xanthone 8

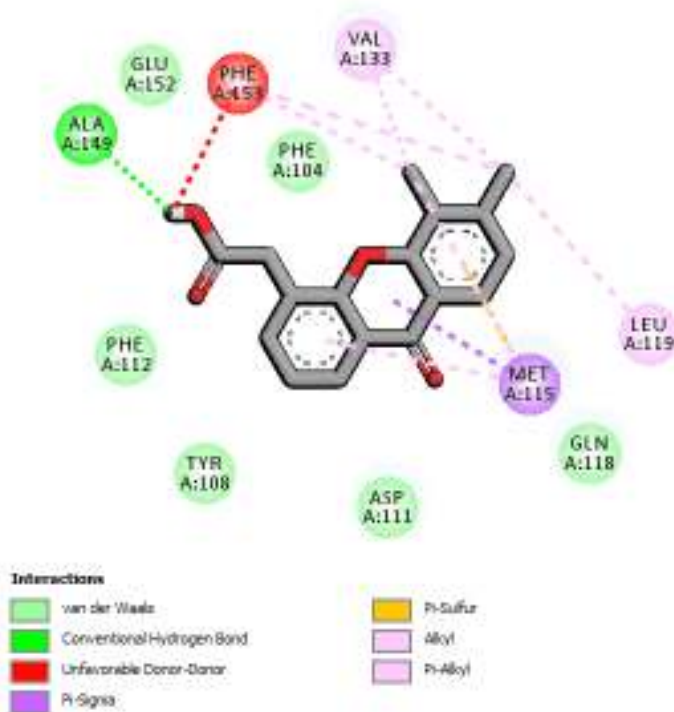


Visualisasi hasil docking xanthone 8

Tabel Interaksi xanthone 8 Dengan Receptor

Kode Senyawa	Interaksi	Residu Asam Amino
8	Vanderwaals : A:GLY145 - A:GLU 152 - A:MET115 - A:TYR108 Hydrogen : A:ARG146:NE - d:RES1:O29 A:ARG146:NH2 - d:RES1:O29 d:RES1:H37 - A:GLU136:OE1 pi sigma : A:LEU137:CD2 - d:RES1 alkil : A:ALA149 - d:RES1:C21 A:ALA149 - d:RES1:C28 d:RES1:C22 - A:VAL133 d:RES1:C22 - A:LEU137 pi-alkil : A:PHE104 - d:RES1:C21 A:PHE104 - d:RES1:C28 A:PHE112 - d:RES1:C21 A:PHE153 - d:RES1:C22 d:RES1 - A:VAL133 d:RES1 - A:LEU137	ARG146 GLU136 LEU137 ALA149 VAL133 PHE104 PHE112 PHE153

Lampiran 2 Visualisasi hasil docking dengan tabel interaksi hasil docking Xanthone 3

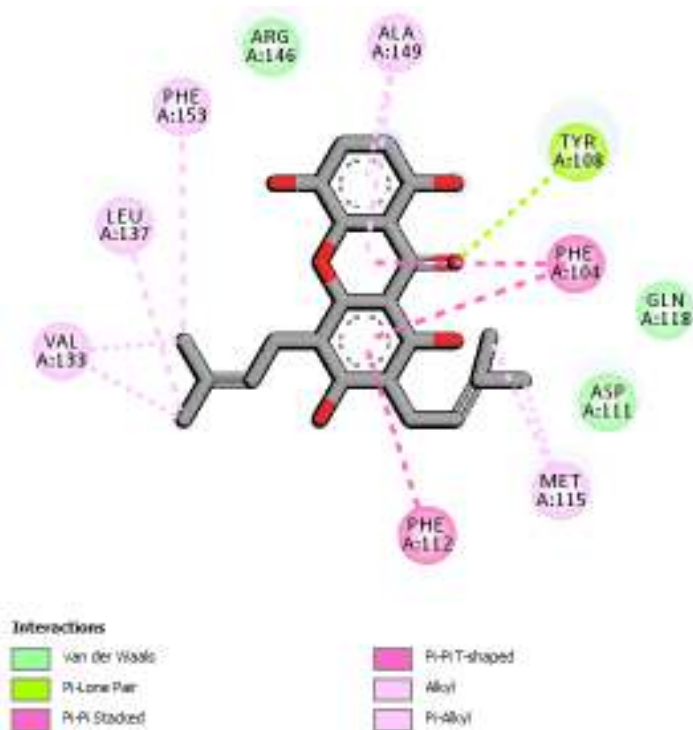


Visualisasi hasil docking xanthone 3

Tabel Interaksi xanthone 3 Dengan Receptor

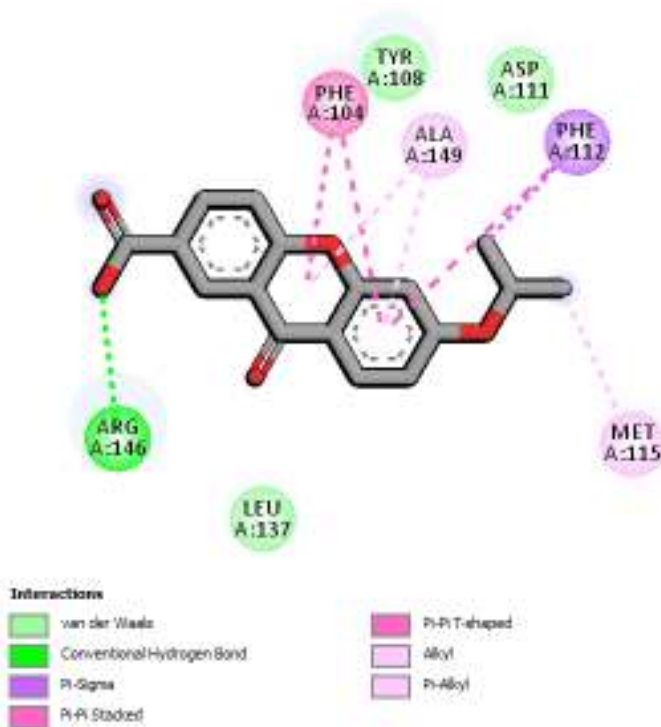
Kode Senyawa	Interaksi	Residu Asam Amino
3	Hydrogen : d:RES1:H35 - A:ALA149:O pi- sigma : A:MET115:CE - d:RES1 pi – sulphur : A:MET115:SD - d:RES1 alkil : d:RES1:C16 - A:MET115 d:RES1:C16 - A:VAL133 d:RES1:C17 - A:LEU119 d:RES1:C17 - A:VAL133 pi- alkil : A:PHE153 - d:RES1:C16 A:PHE153 - d:RES1:C17 d:RES1 - A:MET115	ALA149 MET115 VAL133 LEU119 PHE153

Lampiran 3 Visualisasi hasil docking dengan tabel interaksi hasil docking xanthone 2



Visualisasi hasil docking xanthone 2

Lampiran 4 Visualisasi hasil docking dengan tabel interaksi hasil docking xanthone 9

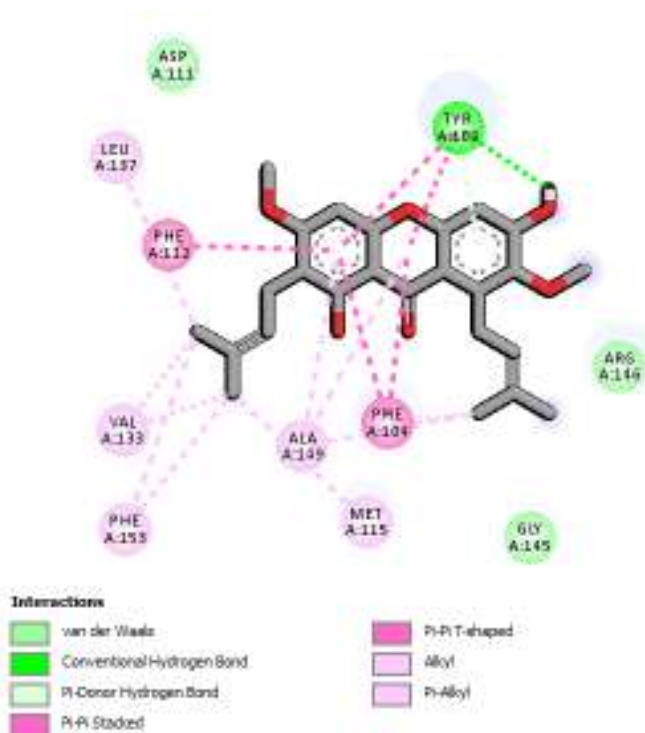


Visualisasi hasil docking xanthone 9

Tabel Interaksi xanthone 9 Dengan Receptor

Kode Senyawa	Interaksi	Residu Asam Amino
9	hydrogen : A:ARG146:NE - d:RES1:O22 pi-sigma : d:RES1:C18 - A:PHE112 pi-pi : A:PHE112 - d:RES1 A:PHE104 - d:RES1 A:PHE104 - d:RES1 Alkil : d:RES1:C19 - A:MET115 Pi –alkil : d:RES1 - A:ALA149 d:RES1 - A:ALA149	ARG146 PHE112 PHE104 MET115 ALA149

Lampiran 5 Visualisasi hasil docking dengan tabel interaksi hasil docking xanthone 1

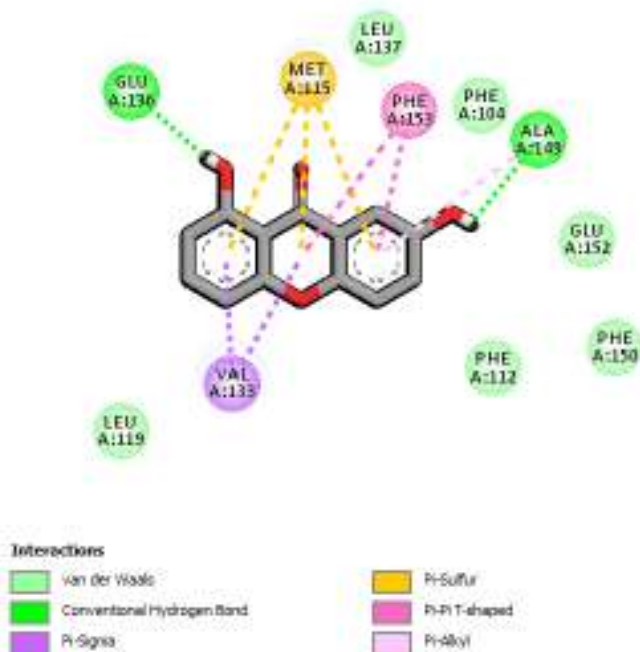


Visualisasi hasil docking xanthone 1

Tabel Interaksi xanthone 1 Dengan Receptor

Kode Senyawa	Interaksi	Residu Asam Amino
1	hydrogen : d:RES1:H59 - A:TYR108:OH pi donor hydrogen bond : A:TYR108:OH - d:RES1 pi – pi : A:TYR108 - d:RES1 A:TYR108 - d:RES1 A:TYR108 - d:RES1 A:PHE112 - d:RES1 A:PHE104 - d:RES1 A:PHE104 - d:RES1 Alkil : A:ALA149 - d:RES1:C28 d:RES1:C19 - A:MET115 d:RES1:C19 - A:VAL133 d:RES1:C20 - A:VAL133 d:RES1:C20 - A:LEU137 pi – alkil : A:PHE104 - d:RES1:C28 A:PHE153 - d:RES1:C19 A:PHE153 - d:RES1:C20 d:RES1 - A:ALA149 d:RES1 - A:ALA149	TYR108 PHE112 PHE104 MET115 VAL133 LEU137 PHE153 ALA149

Lampiran 6 Visualisasi hasil docking dengan tabel interaksi hasil docking xanthone 6

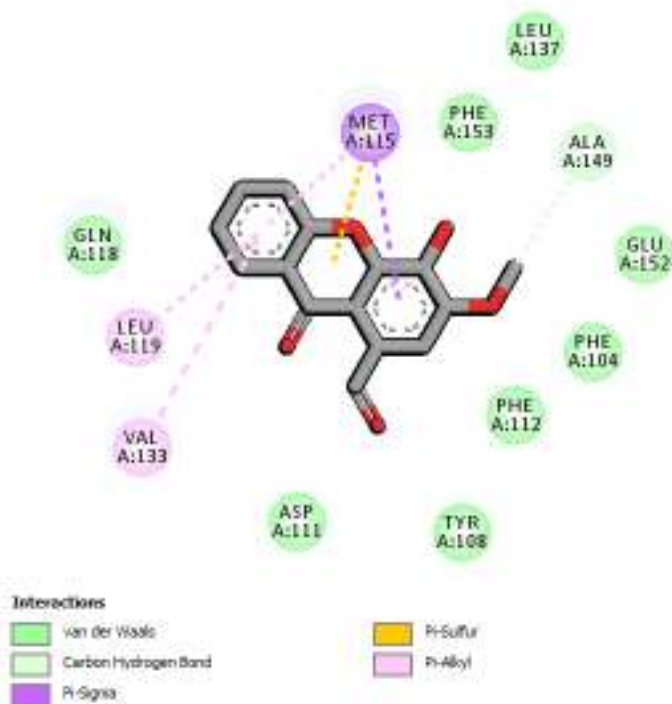


Visualisasi hasil docking xanthone 6

Tabel Interaksi xanthone 6 Dengan Receptor

Kode Senyawa	Interaksi	Residu Asam Amino
6	hydrogen : d:RES1:H24 - A:GLU136:OE1 d:RES1:H25 - A:ALA149:O pi – sigma : A:VAL133:CG1 - d:RES1 A:VAL133:CG1 - d:RES1 A:VAL133:CG2 - d:RES1 Pi –sulfur : A:MET115:SD - d:RES1 A:MET115:SD - d:RES1 A:MET115:SD - d:RES1 Pi – pi : A:PHE153 - d:RES1 A:PHE153 - d:RES1 Pi –alkil : d:RES1 - A:ALA149	GLU136 ALA149 VAL133 MET115 PHE153

Lampiran 7 Visualisasi hasil docking dengan tabel interaksi hasil docking xanthone 5

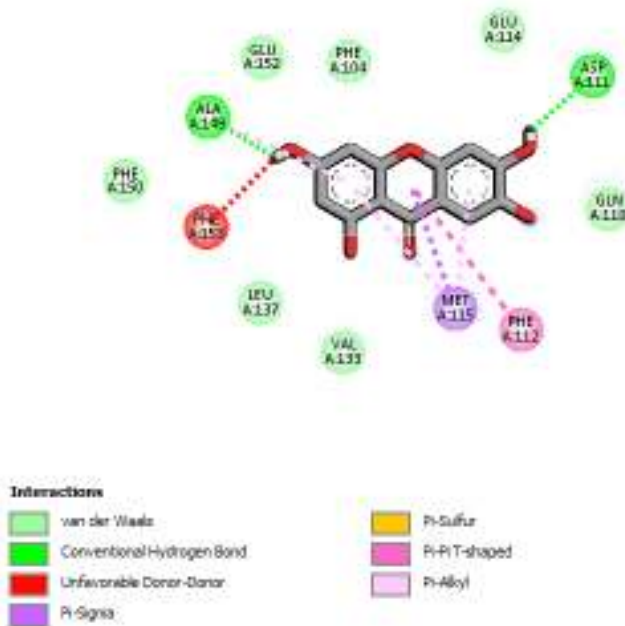


Visualisasi hasil docking xanthone 5

Tabel Interaksi xanthone 5 Dengan Receptor

Kode Senyawa	Interaksi	Residu Asam Amino
5	Carbon hydrogen : d:RES1:C18 - A:ALA149:O pi – sigma : A:MET115:CE - d:RES1 pi – sulphur : A:MET115:SD - d:RES1 pi alkil : d:RES1 - A:MET115 d:RES1 - A:LEU119 d:RES1 - A:VAL133	ALA149 MET115 LEU119 VAL133

Lampiran 8 Visualisasi hasil docking dengan tabel interaksi hasil docking xanthone 7

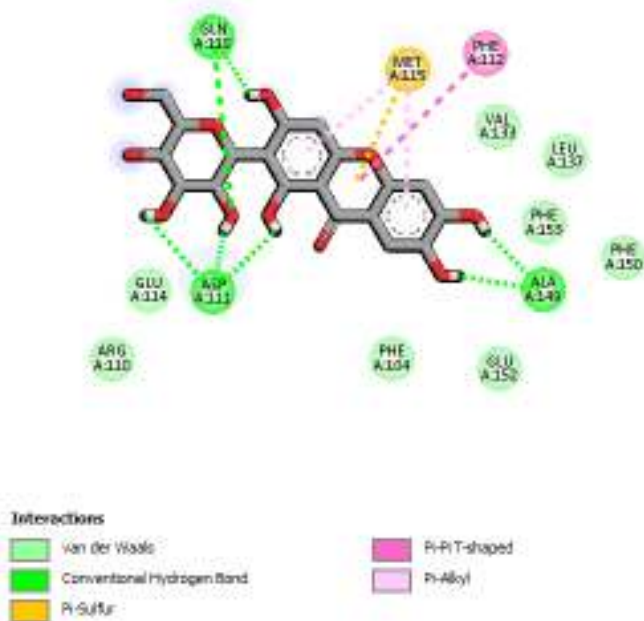


Visualisasi hasil docking xanthone 7

Tabel Interaksi xanthone 7 Dengan Receptor

Kode Senyawa	Interaksi	Residu Asam Amino
7	Hydrogen : d:RES1:H27 - A:ASP111:O d:RES1:H24 - A:ALA149:O pi sigma : A:MET115:CE - d:RES1 pi –sulfur : A:MET115:SD - d:RES1 pi – pi : A:PHE112 - d:RES1 pi – alkil : d:RES1 - A:MET115 d:RES1 - A:MET115 d:RES1 - A:ALA149	ASP111 ALA149 MET115 PHE112

Lampiran 9 Visualisasi hasil docking dengan tabel interaksi hasil docking xanthone 10

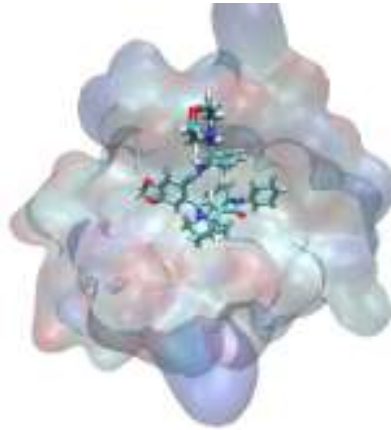


Visualisasi hasil docking xanthone 10

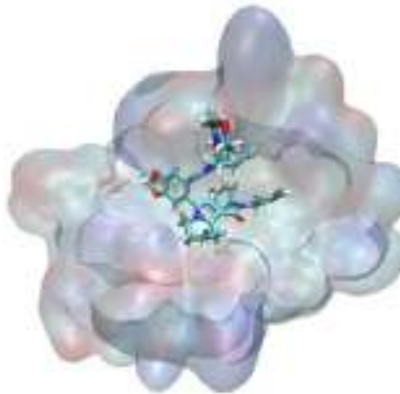
Tabel Interaksi xanthone 10 Dengan Receptor

Kode Senyawa	Interaksi	Residu Asam Amino
10	hydrogen : A:GLN118:NE2 - d:RES1:O26 d:RES1:H37 - A:ASP111:O d:RES1:H36 - A:ALA149:O d:RES1:H43 - A:ASP111:O d:RES1:H45 - A:ASP111:OD1 d:RES1:H35 - A:ALA149:O d:RES1:H34 - A:GLN118:OE1 pi – sulphur : A:MET115:SD - d:RES1 pi – pi : A:PHE112 - d:RES1 d:RES1 - A:MET115 d:RES1 - A:MET115	GLN118 ASP111 ALA149 MET115 PHE112

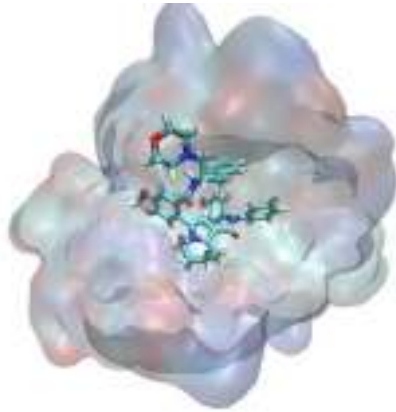
Lampiran 10 Visualisasi molecular dinamik ligan alami



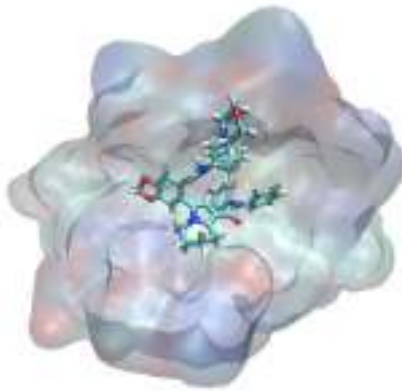
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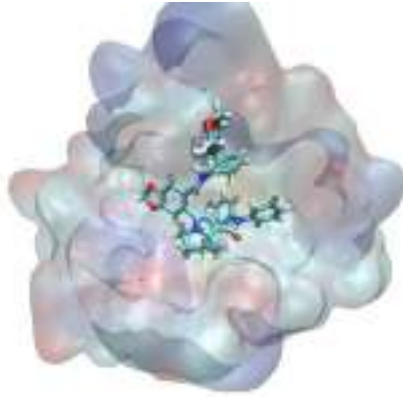
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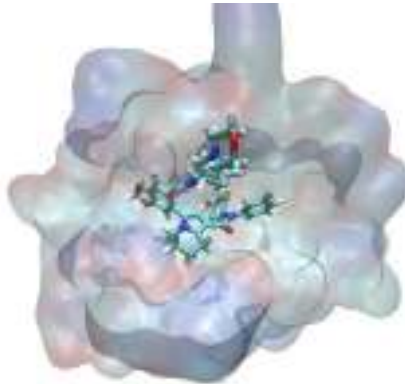
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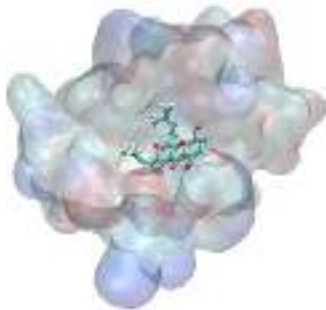


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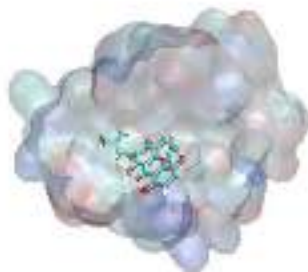


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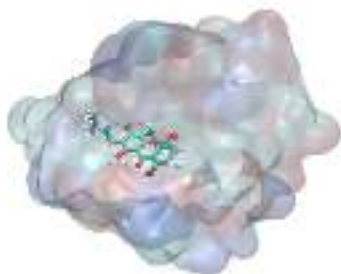
Lampiran 11 Visualisasi molecular dinamik xanthone 2



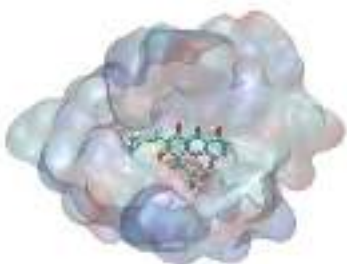
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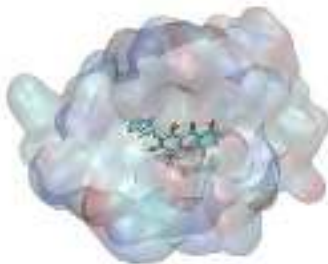
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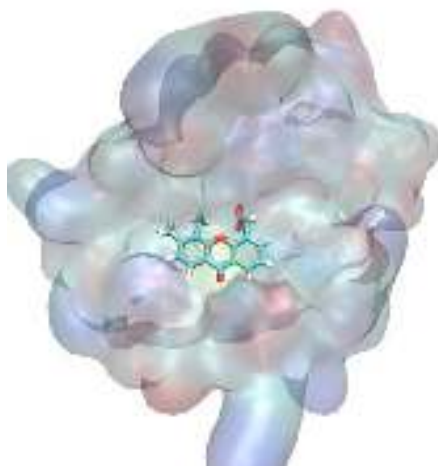


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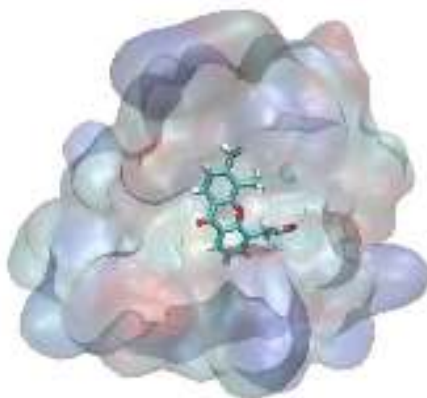


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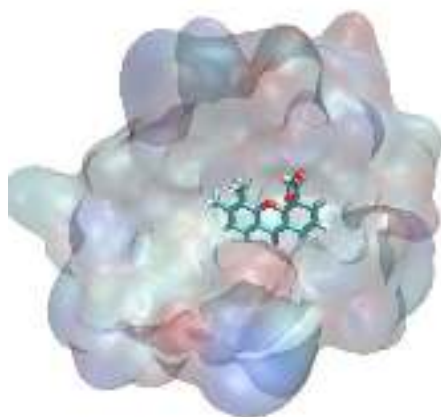
Lampiran 12 Visualisasi molekular dinamik xanthone 3



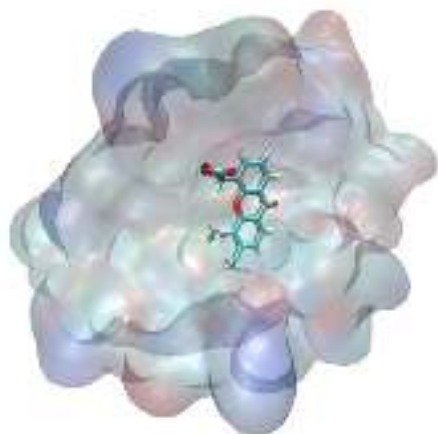
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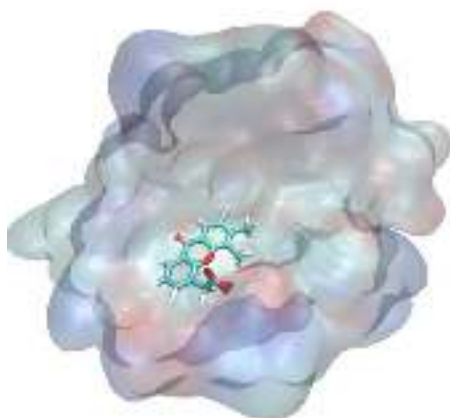
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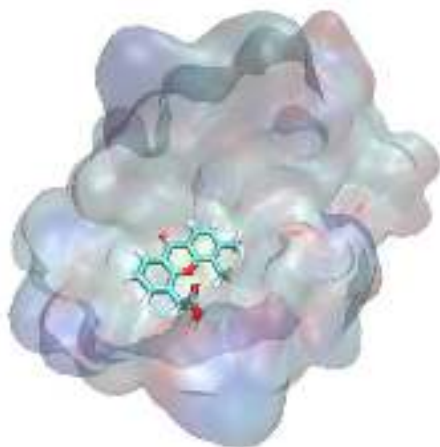
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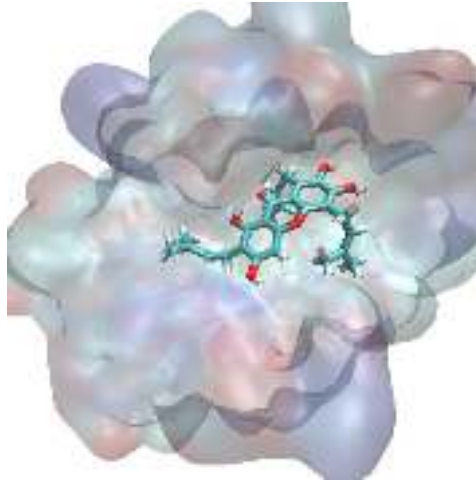


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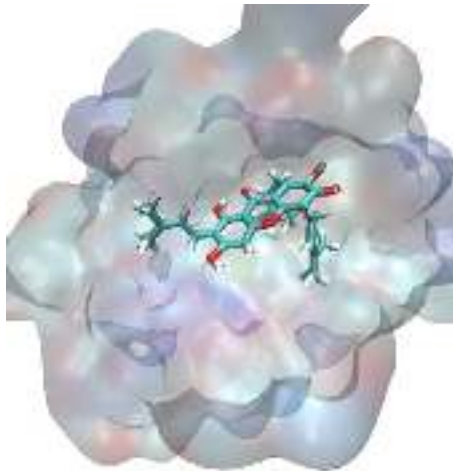


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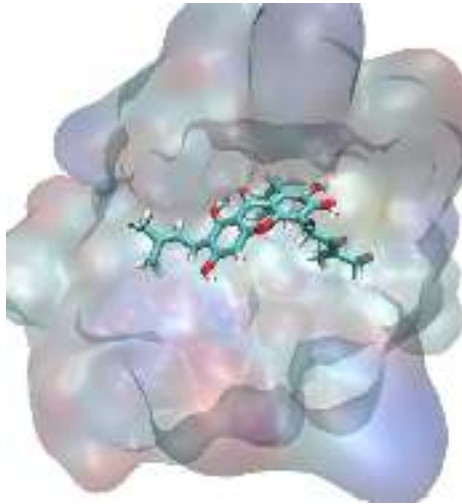
Lampiran 13 Visualisasi molekular dinamik xanthone 8



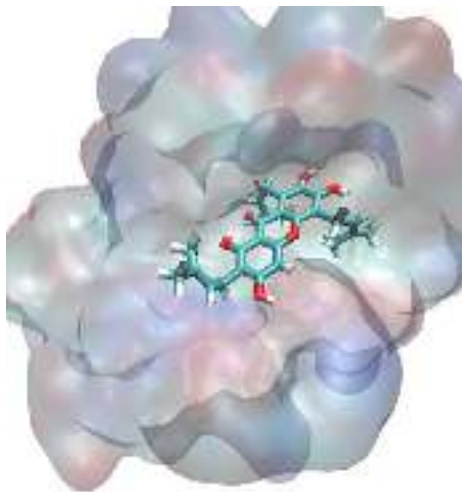
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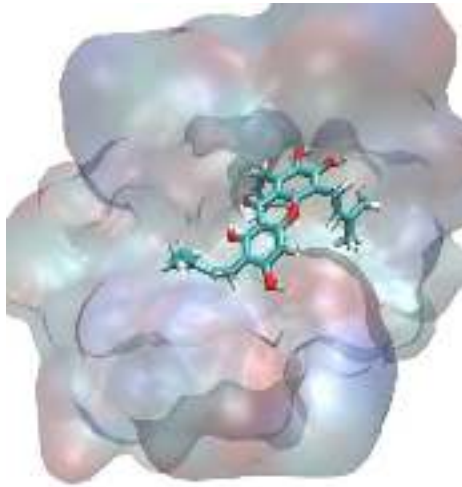
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20 nanodetik



30 nanodetik



40 nanodetik



50 nanodetik