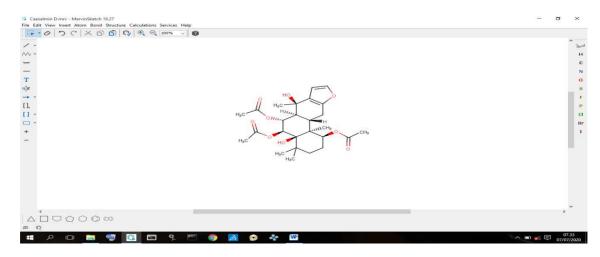
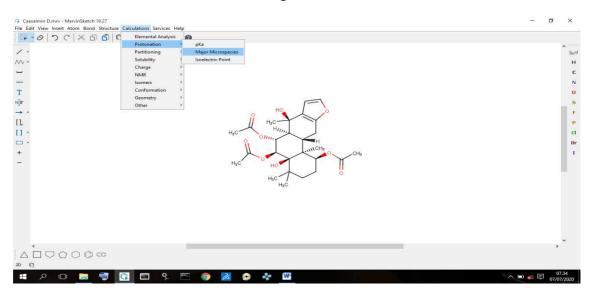
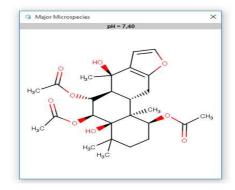
## LAMPIRAN 1 PREPARASI LIGAN



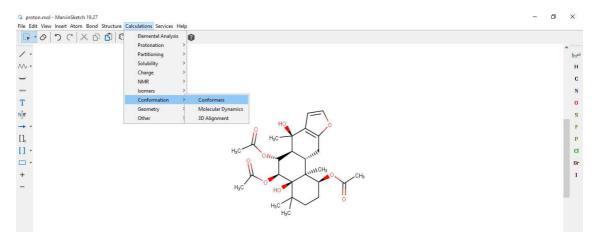
Pembuatan struktur ligan di MarvinSketch



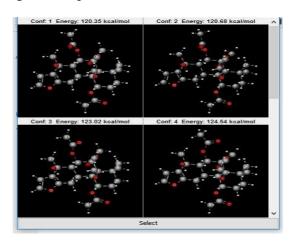
Ligan diprotonasi menggunakan software MarvinSketch 19.27



## Ligan hasil protonasi



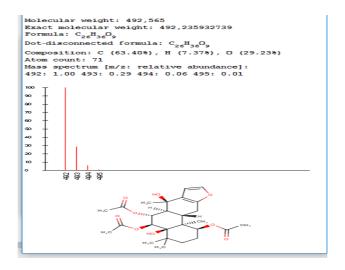
## Ligan hasil protonasi dilakukan conformation



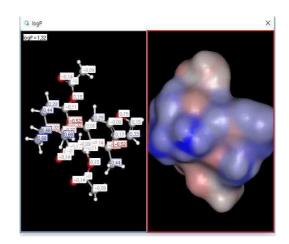
Ligan hasil konformasi

## LAMPIRAN II

## DRUG SCAN



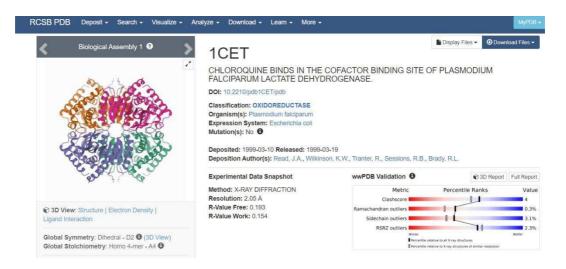
Hasil berat molekul senyawa Favipiravir



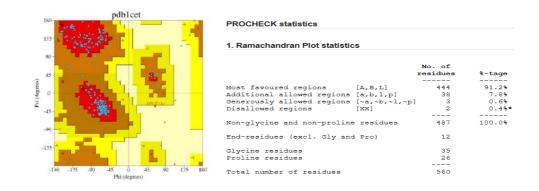
Hasil logP senyawa Favipiravir

#### LAMPIRAN III

#### PREPARASI RESEPTOR



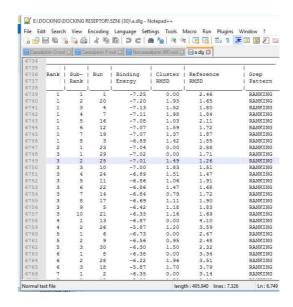
Pengunduhan reseptor 1CET melalui website https://www.rcsb.org/



Ramachandran Plot kode reseptor 1CET

#### LAMPIRAN IV

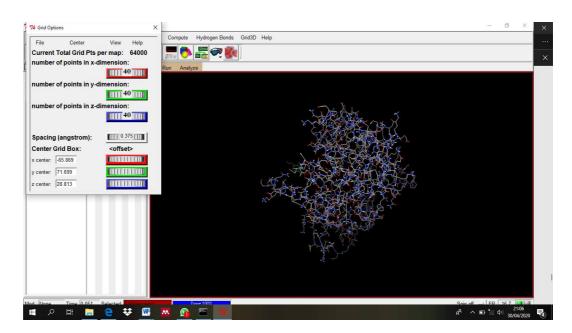
#### VALIDASI DOCKING

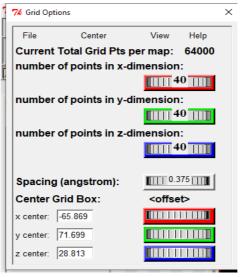


Perolehan nilai binding affinity dan RMSD (Root Mean Square Deviation)

#### **LAMPIRAN V**

#### DOCKING LIGAN UJI DAN VISUALISASI

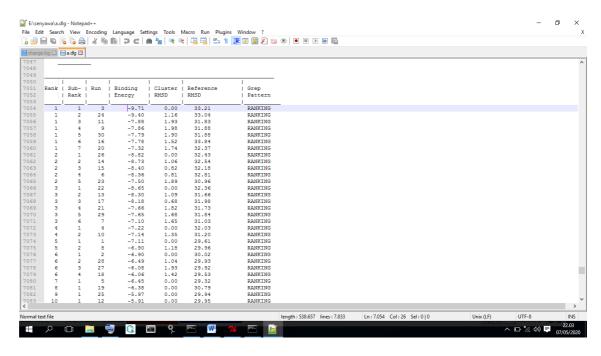




Pengaturan grid box untuk proses docking



Proses docking senyawa Favipiravir melalui command prompt



Perolehan nilai binding affinity hasil docking senyawa Favipiravir

## Tabel Hasil Visualisasi Kode Reseptor 1CET dengan Senyawa Uji dalam Bentuk 3D

NO	NAMA SENYAWA	GAMBAR SENYAWA 3D
1	Oseltamivir	
2	Ritonavir	
3	Remdesivir	
4	Ribavirin	

5	Favipiravir	
6	Chloroquine	
7	Hydroxychloroquine	
8	Lopinavir	
9	Umifenovir hydrochloride	

# Tabel Hasil Visualisasi Kode Reseptor 4UDC dengan Senyawa Uji dalam Bentuk 3D

NO	NAMA SENYAWA	GAMBAR SENYAWA 3D
1	Oseltamivir	
2	Ritonavir	
3	Remdesivir	
4	Ribavirin	

5	Favipiravir	
6	Chloroquine	
7	Hydroxychloroquine	
8	Lopinavir	
9	Umifenovir hydrochloride	