LAB REPORT: MOLECULAR DOCKING

1. Title

Molecular Docking of Ligands with EF-1α Protein

2. Objective

To predict and analyze the binding interactions between selected ligands and the elongation factor

3. Introduction

Molecular docking is a computational technique used to predict the preferred orientation of a ligand

6. Results

Docking Results for Selected Ligands

Ligand 1 (Compound 142719640): Binding Energy = -8.6 kcal/mol

Ligand 2 (Compound 142719641): Binding Energy = -7.9 kcal/mol

Ligand 3 (Compound 142719642): Binding Energy = -9.2 kcal/mol