

Table 1. Energy Values of derivatives spiro-acridines and enzymes HER2 and EGFR interaction calculated from Molegro Virtual Docker program.

Enzymes Compounds	MolDock Score (kcal mol ⁻¹)			
	AMTAC-01	AMTAC-02	Lapatinib	TAK-285
HER2	-98.2384	-114.482	-150.452	-168.353
EGFR	-104.101	-125.79	-168.649	-202.237

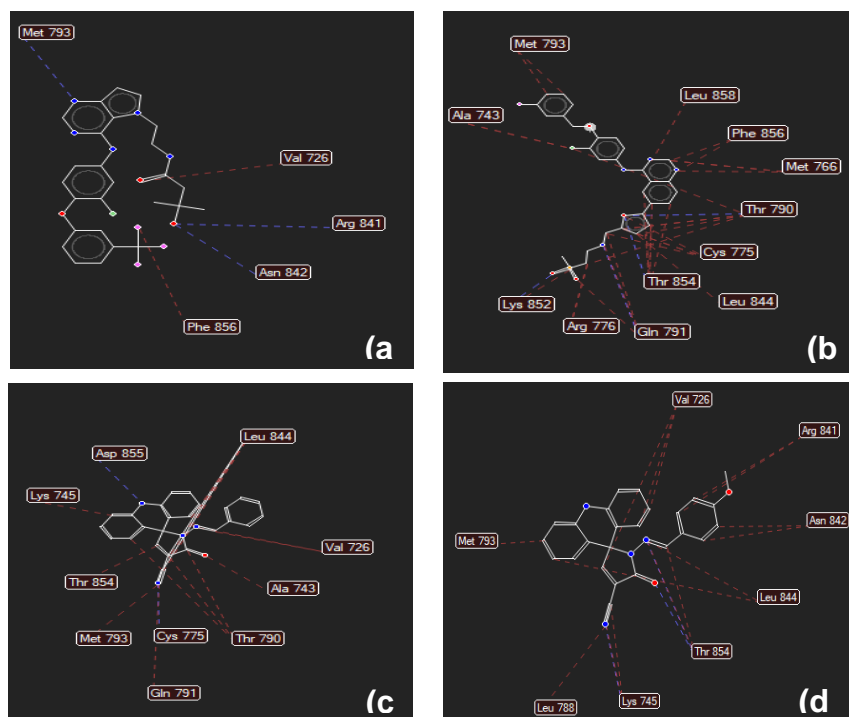


Figure 1. Interactions observed in the molecular docking of the EGFR enzyme (PDB ID: 3POZ) with its ligand TAK-285 (a), Lapatinib (b), AMTAC-01 (c) and AMTAC-

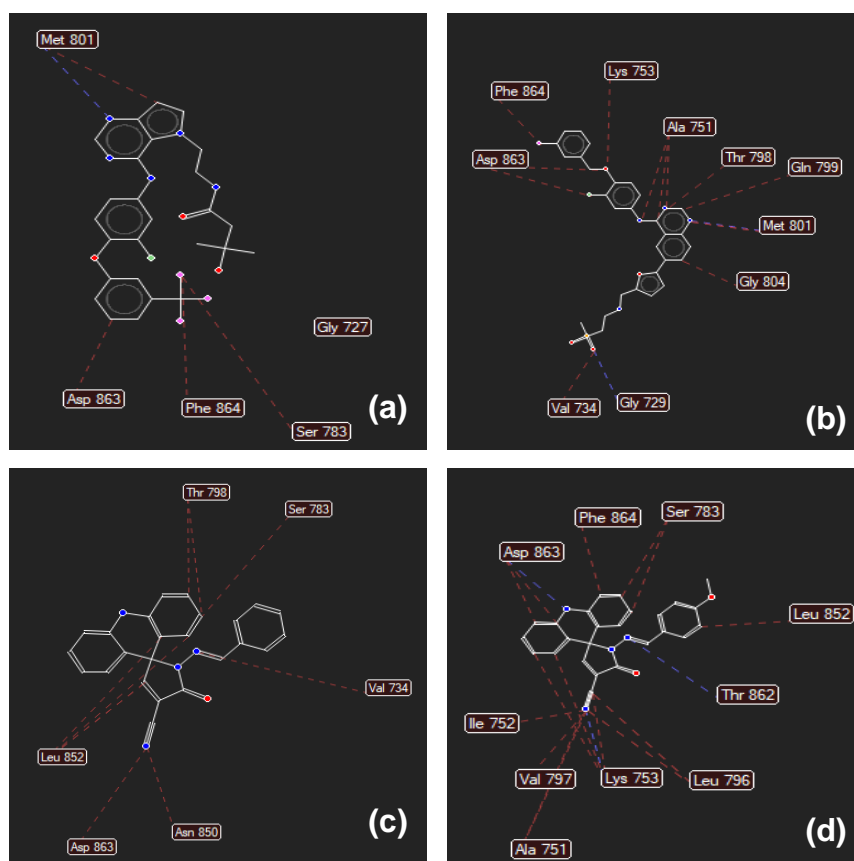


Figure 2. Interactions observed in HER2 (PDB ID: 3RCD) molecular docking with its ligand TAK-285 (a), Lapatinib (b), AMTAC-01 (c) and AMTAC-02 (d).

