Table S1. The different forces of interaction between the compounds and the active site of the receptor.

Compound name/ structure/	Forces involved in the ligand-receptor
docking snapshot	interaction
Epinephrine    Ho	Hydrogen bonding interactions:  -p-Hydroxyl group of epinephrine with carbonyl group of Ser 203 (3.19 Å)  -m-Hydroxyl group with hydroxyl group of Ser 203 (3.15 Å)  -β-Hydroxyl group with peptide carbonyl group of Asp 113 (2.98 Å), carbonyl group of Val 114 (2.93 Å), amino group of Thr 118 (3.46 Å) and with amino group of Val 117 (3.49 Å).  -Terminal amino group with carbonyl of free carboxylic group of Asp 113 (2.53 Å)
Val 114	Ionic interaction: Terminal amino group with carboxylate ion of Asp 113.  Hydrophobic interactions:
	Phenyl ring and Phe 290.
Salbutamol	Hydrogen bonding interactions:  -p-Hydroxyl group of salbutamol with carbonyl group of Ser 203 (3.30 Å)  -m-Hydroxymethyl group with hydroxyl group of Ser 207 (3.13 Å), carbonyl group of
Sec 207  Sec 207  Phe 288  Phe 290  Phe 290  Phe 290	Val 117 (2.67 Å) and with carbonyl group of Ser 207 (2.57 Å).  β-Hydroxyl group with peptide carbonyl group of Asp 113 (2.71 Å)  -Terminal amino group with carbonyl of free carboxylic group of Asp 113 (2.87 Å)  Ionic interaction:  Terminal amino group with carboxylate ion of Asp 113.  Hydrophobic interactions:
	Phenyl ring of salbutamol and Phe 290.

Table S1. Cont.

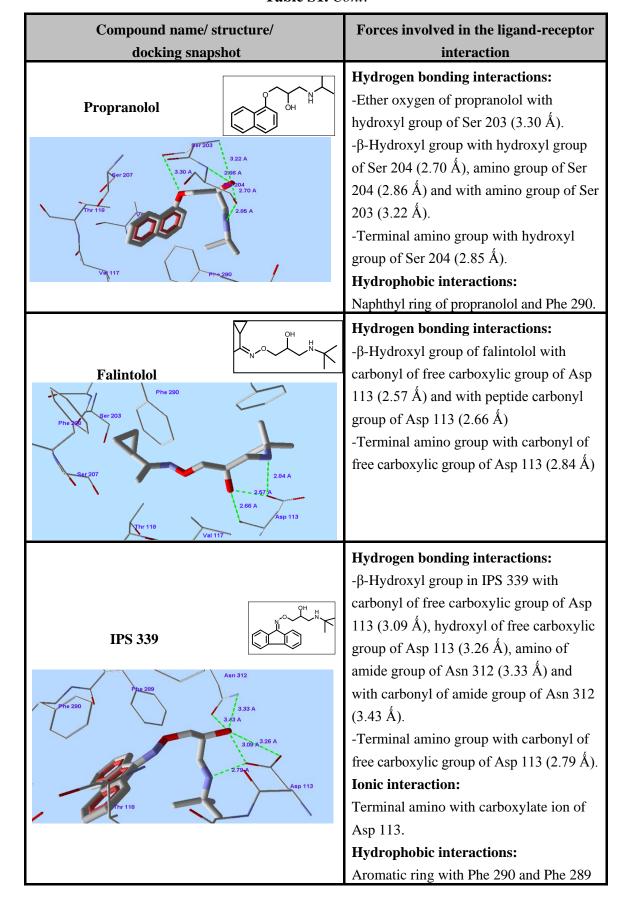


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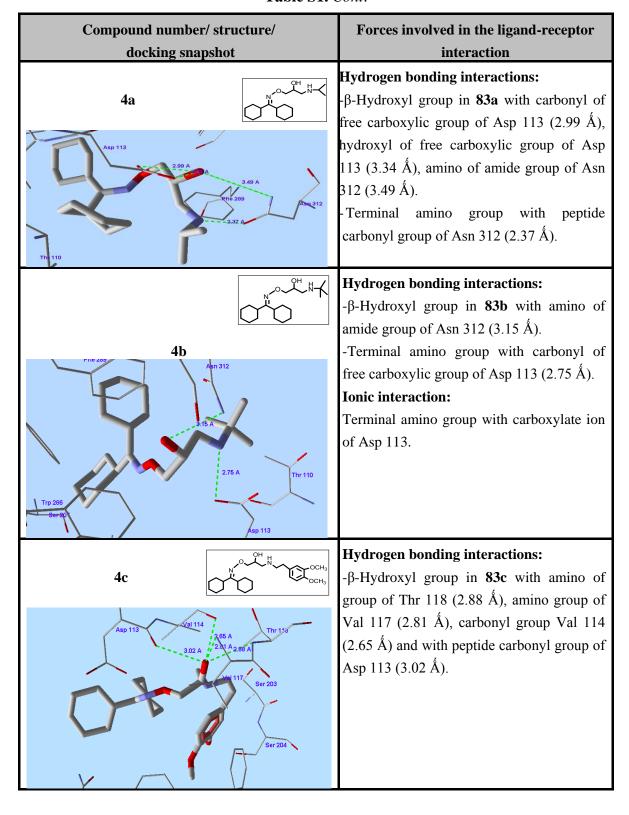


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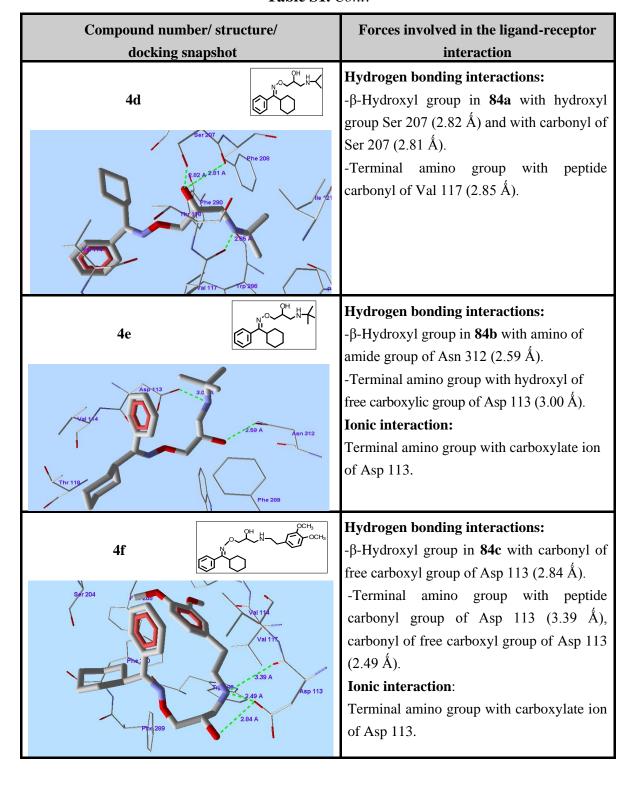


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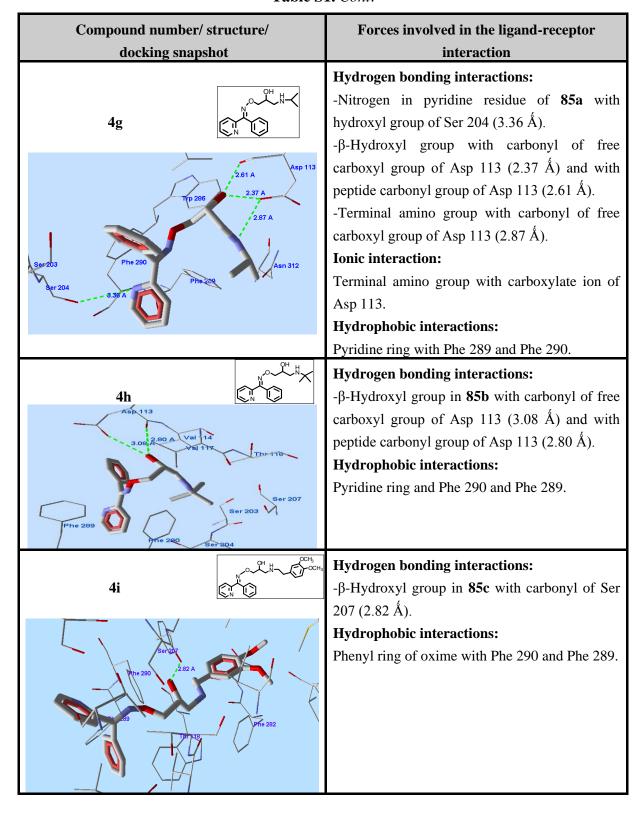


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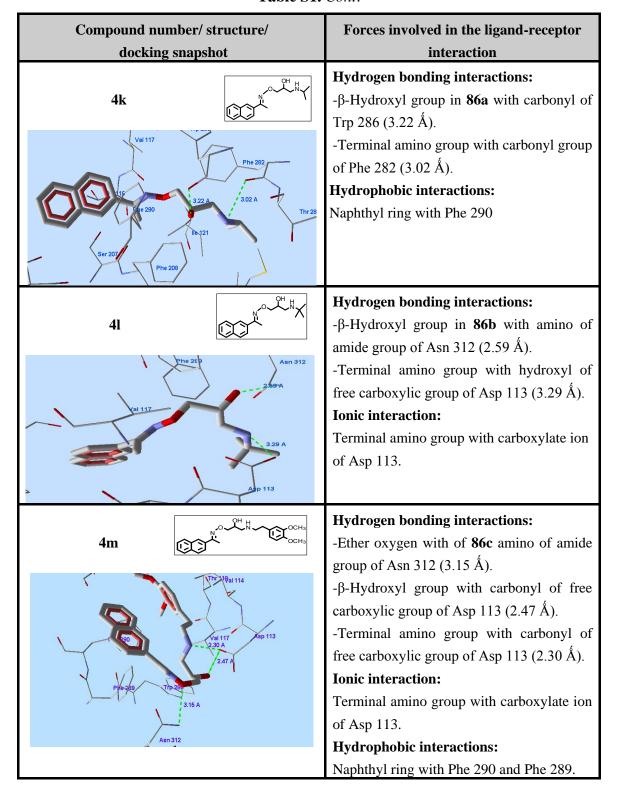


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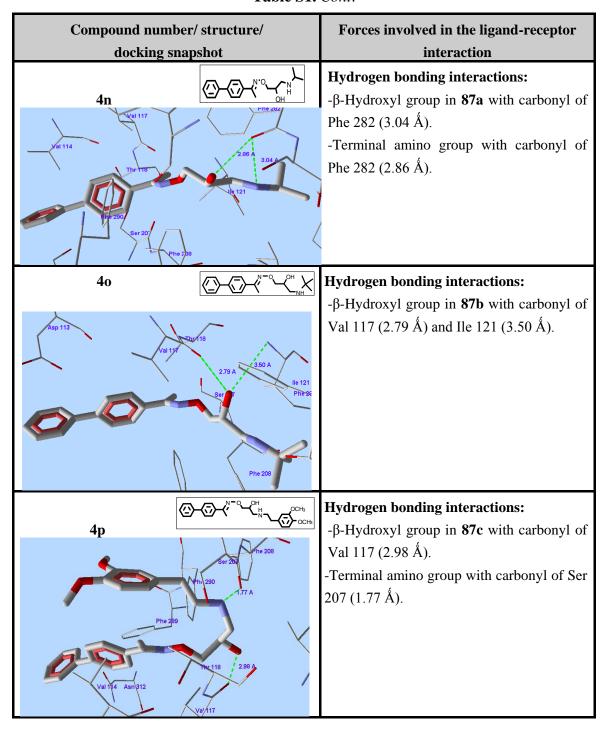


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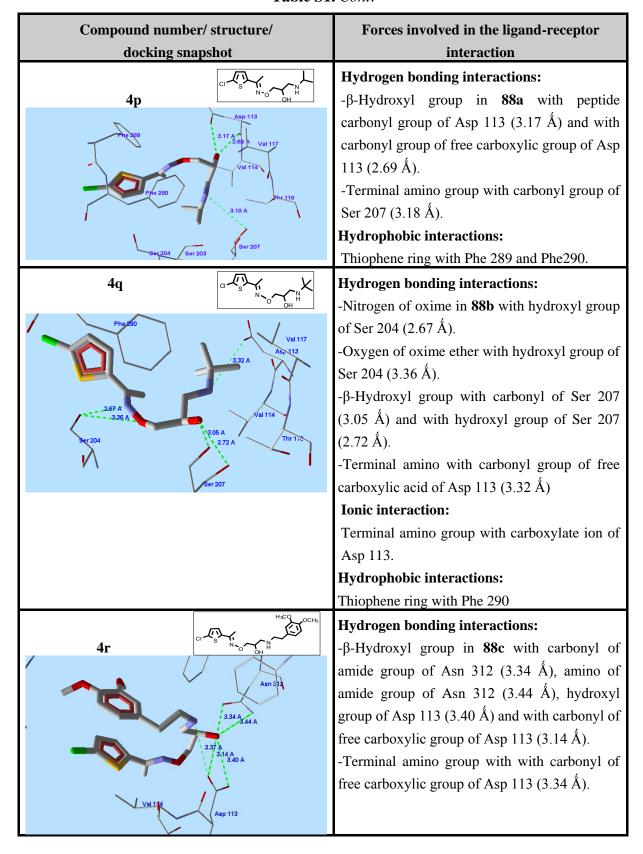


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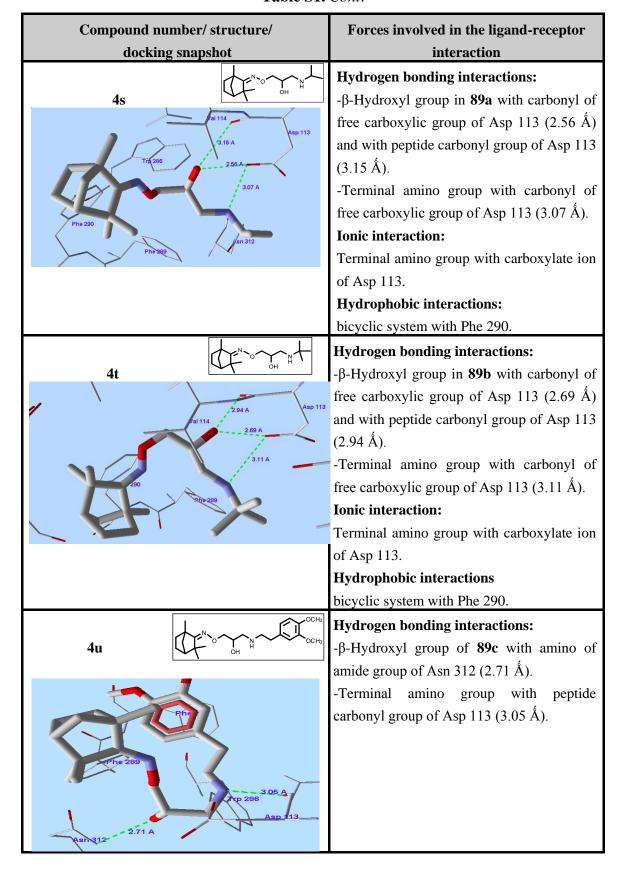


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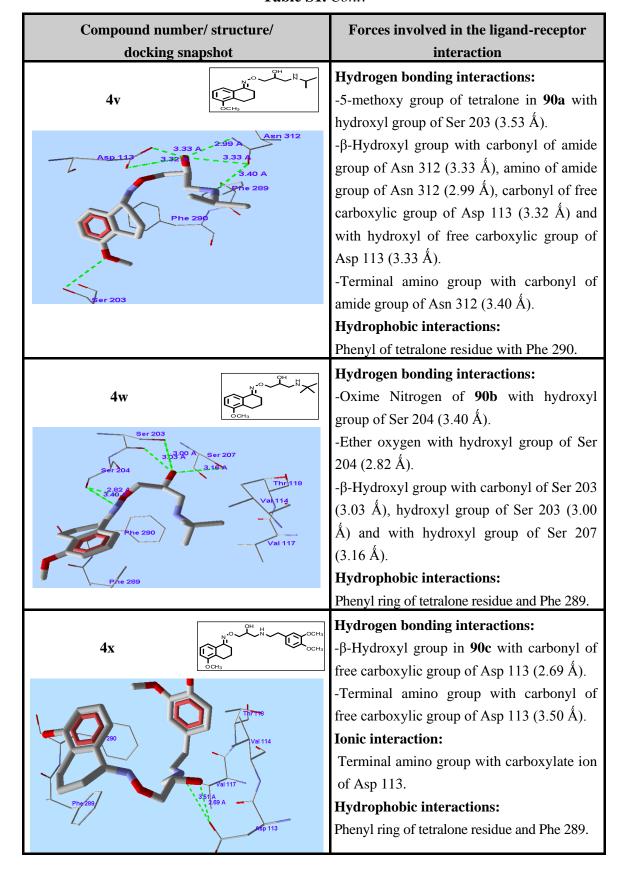


Table S1. Cont.

