

**Table 4.1:** Docking scores of our six compounds into the COX-1 and COX-2 active site. Docking scores of flurbiprofen and celecoxib are also shown.

<b>Molecule</b>	<b>Autodock Score</b>	<b>Autodock Score</b>
	<b>in COX-1</b>	<b>in COX-2</b>
	<b>(kcal/mol)</b>	<b>(kcal/mol)</b>
Am1	-7.8	-7.9
Am2	-7.7	-8.0
Am3	-7.7	-8.1
Am4	-7.9	-8.6
Am5	-7.7 (resonance-1)	-7.9 (resonance-1)
	-7.9 (resonance-2)	-7.9 (resonance-2)
Am6	-8.5	-8.4
Flurbiprofen	-8.7	-8.0
Celecoxib	-8.5	-10.6