

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.

Molecule	Autodock Score	Autodock Score
	in COX-1	in COX-2
	(kcal/mol)	(kcal/mol)
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