

Table 3: Docking scores of our six compounds into the COX-1 and COX-2 active site.

Molecule	Autodock Score in COX-1 (kcal/mol)	Autodock Score in COX-2 (kcal/mol)
AZ5	- 8.0	- 8.6
AZ3	- 7.7	- 7.9
AZ4	- 7.7	- 7.5
AZ2	- 7.6	- 7.6
AZ6	- 7.7	- 8.2
AZ7	- 8.0	- 8.0
Flurbiprofen	-8.7	-8.0
Celecoxib	-8.5	-10.6