

**Table 3:** Cheminformatics Properties of Quercetin

Molecular Formula	C <sub>15</sub> H <sub>10</sub> O <sub>7</sub>
Molecular Weight (g/mol)	302.24
Hydrogen Bond Acceptor	7
Hydrogen Bond Donor	5
Rotatable Bonds	1
Log <i>P</i>	0.56
No of atoms	22
Polar Surface Area (A <sup>2</sup> )	103.49 A <sup>2</sup>
Molar Refractivity (cm <sup>3</sup> )	122.60
Density (cm <sup>3</sup> )	1.23
Molar Volume (cm <sup>3</sup> )	268.73 A <sup>3</sup>
Drug likeness	1
Lipinski validation	yes
GPCR ligand	-0.06
Ion channel modulator	-0.19
Kinase inhibitor	0.28
Nuclear receptor ligand	0.36
Protease inhibitor	-0.25
Enzyme inhibitor	0.28