Indian Journal of Biochemistry & Biophysics
Vol. 63, March 2026, pp. 321-340
DOI: 10.56042/ijbb.v63i3.20526

# Targeting neuroinflammation: Anti-alzheimer's mechanism of *Cassia fistula via in silico* approaches

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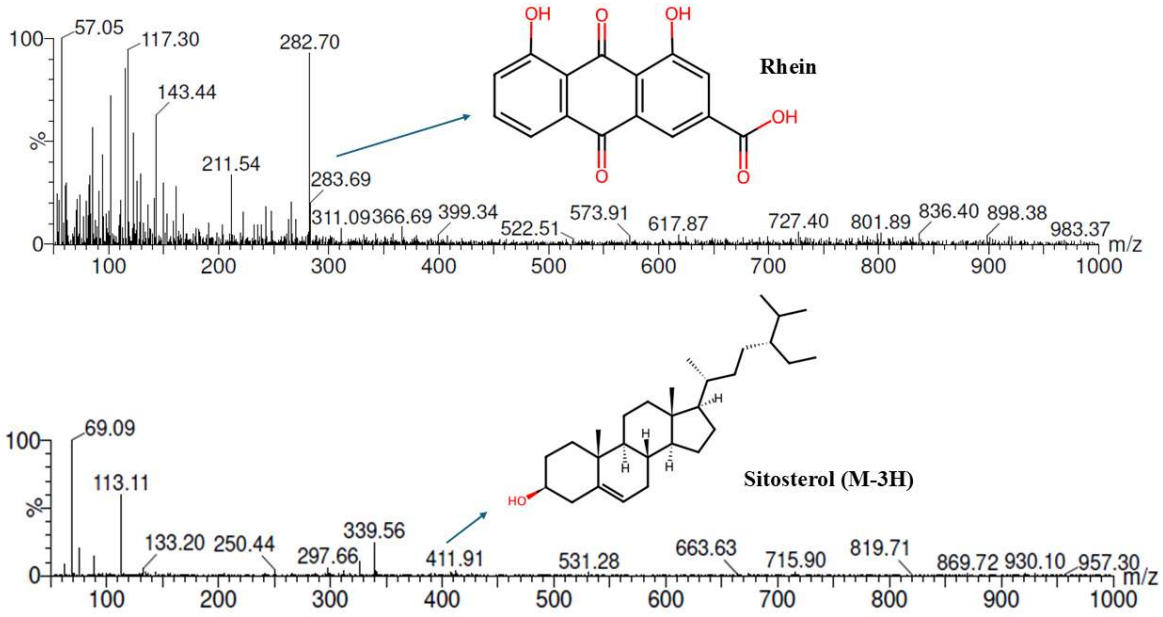
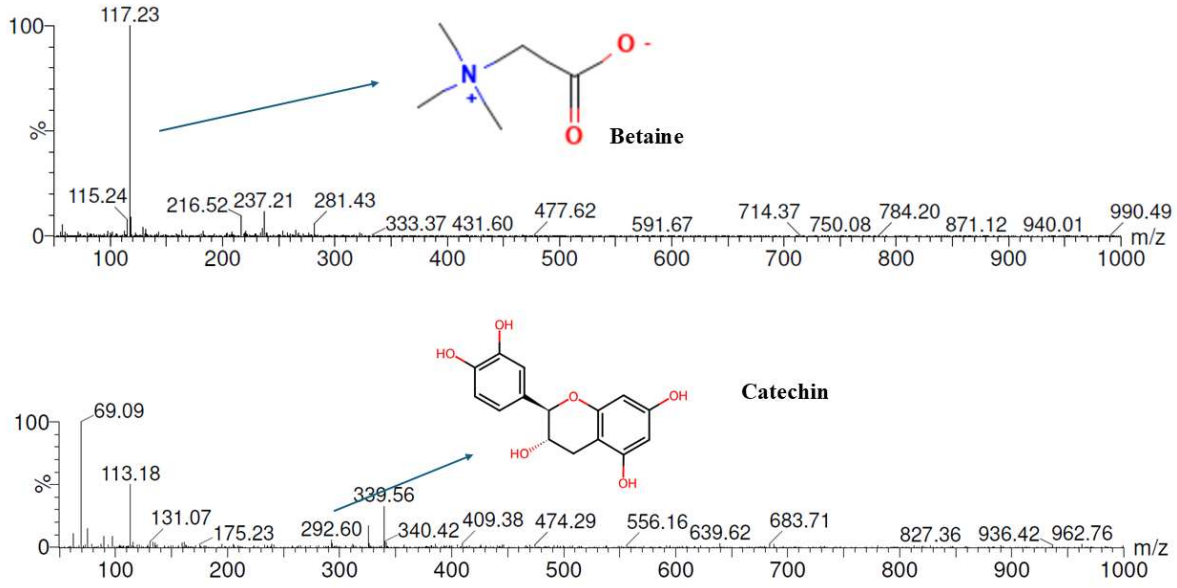
*Received 10 June 2025*; *revised 09 August 2025*

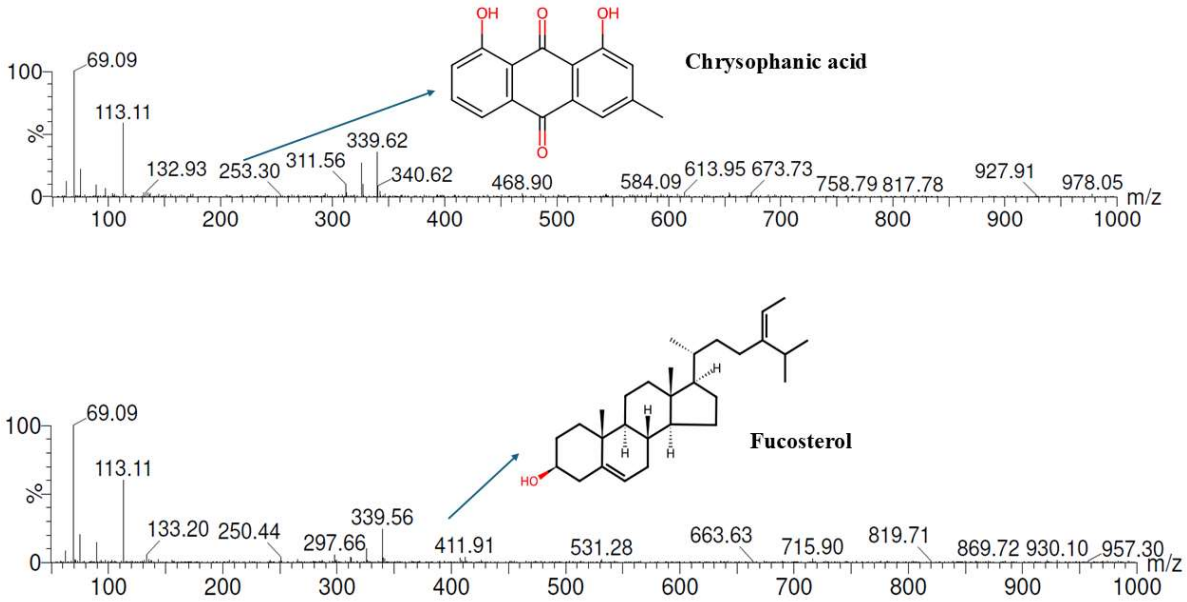
## Supplementary Data



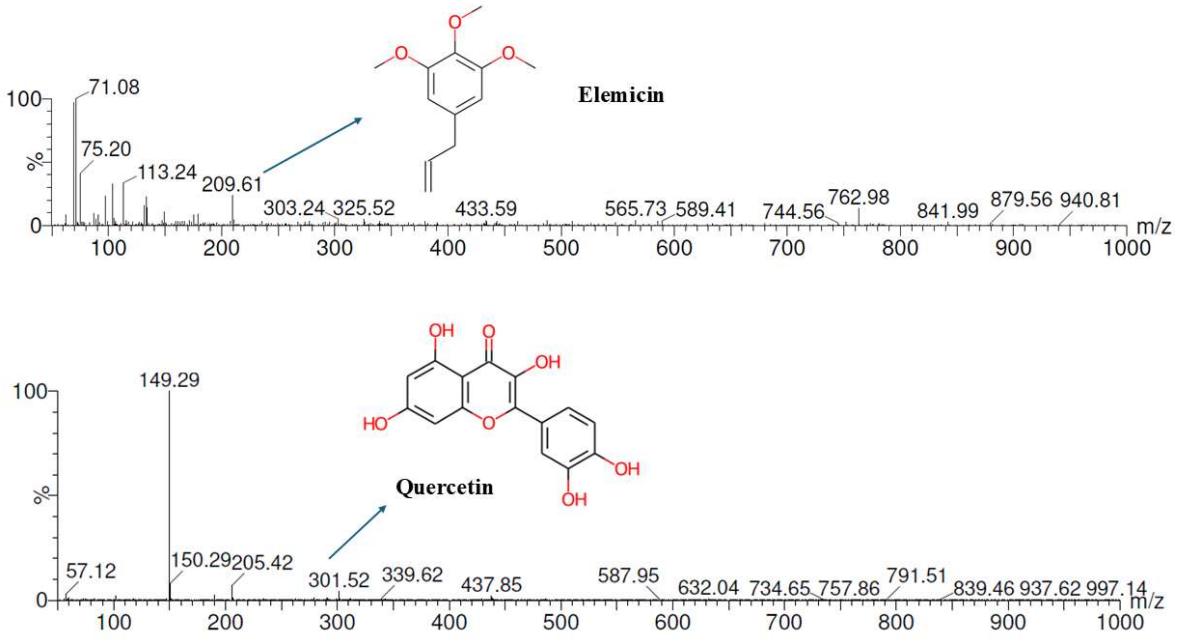

Suppl. Fig 1S — Mass fragmentation pattern of compounds Rhein and Sitosterol



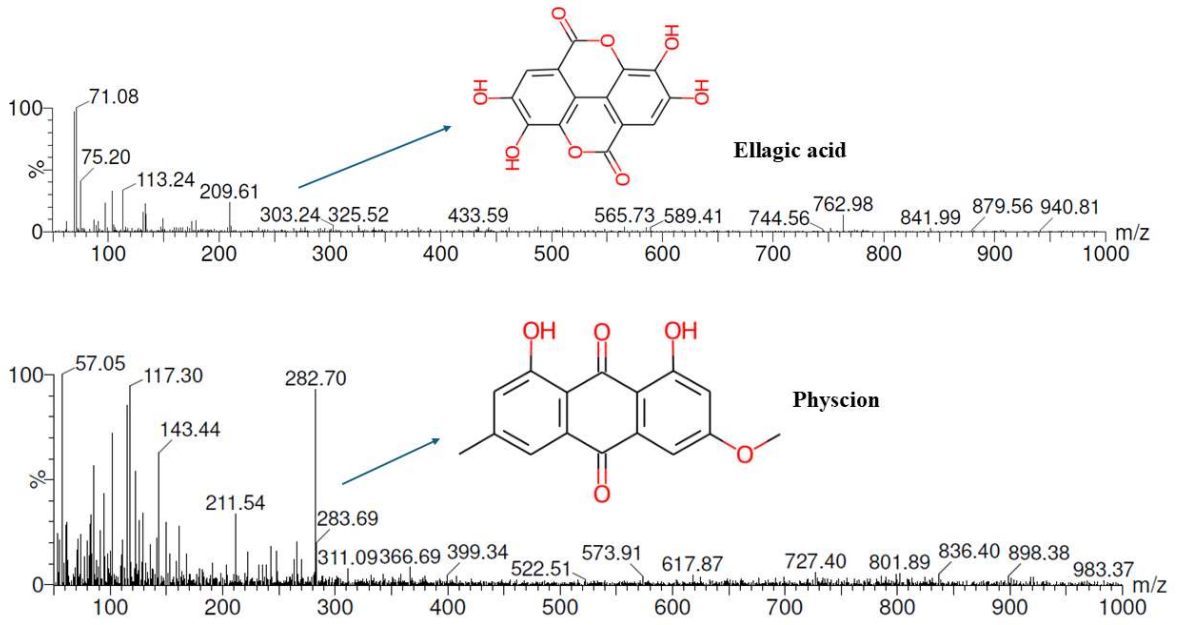

Suppl. Fig 2S — Mass fragmentation pattern of compounds Betaine and Catechin



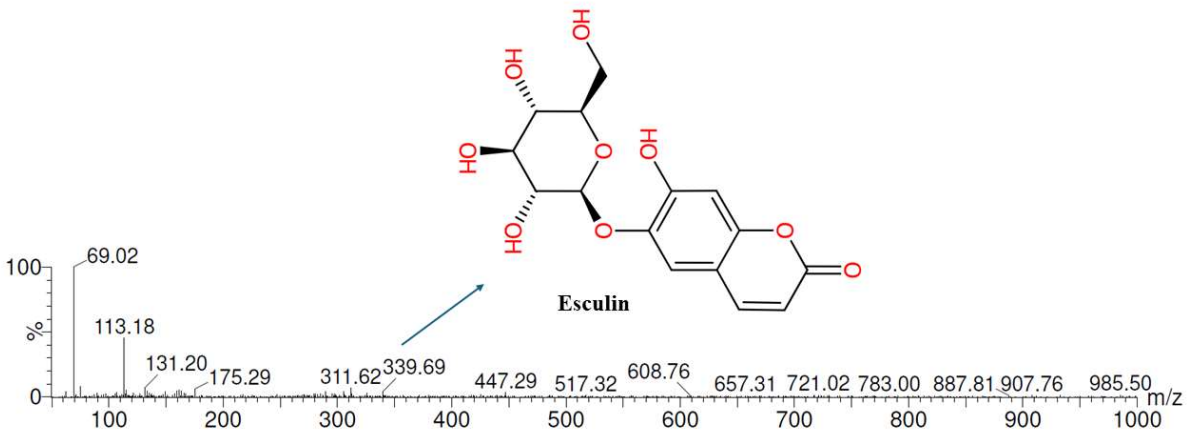

Suppl. Fig 3S — Mass fragmentation pattern of compounds Chrysophanic acid and Fucosterol



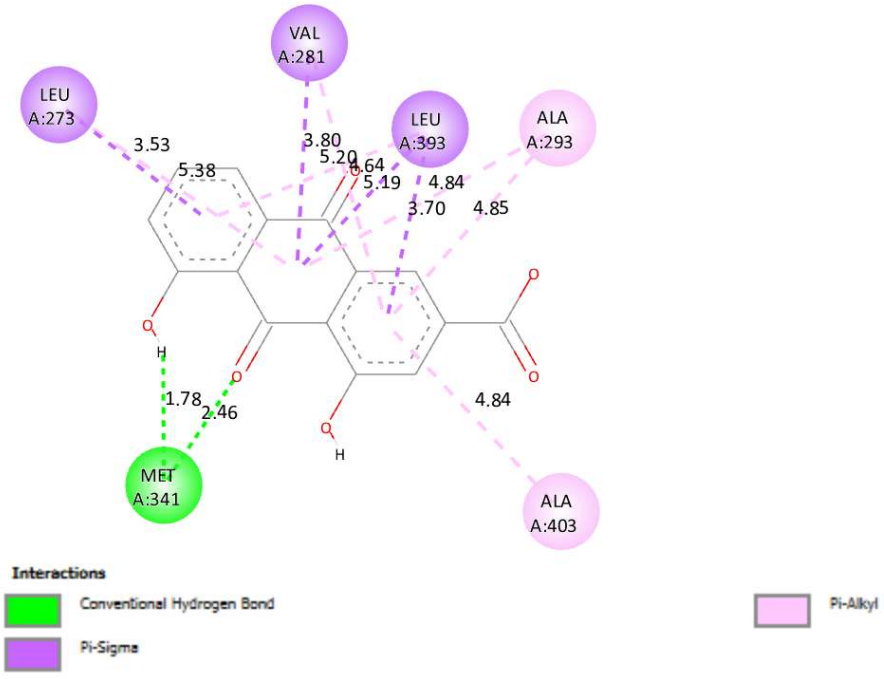

Suppl. Fig 4S — Mass fragmentation pattern of compounds Elemicin and Quercetin



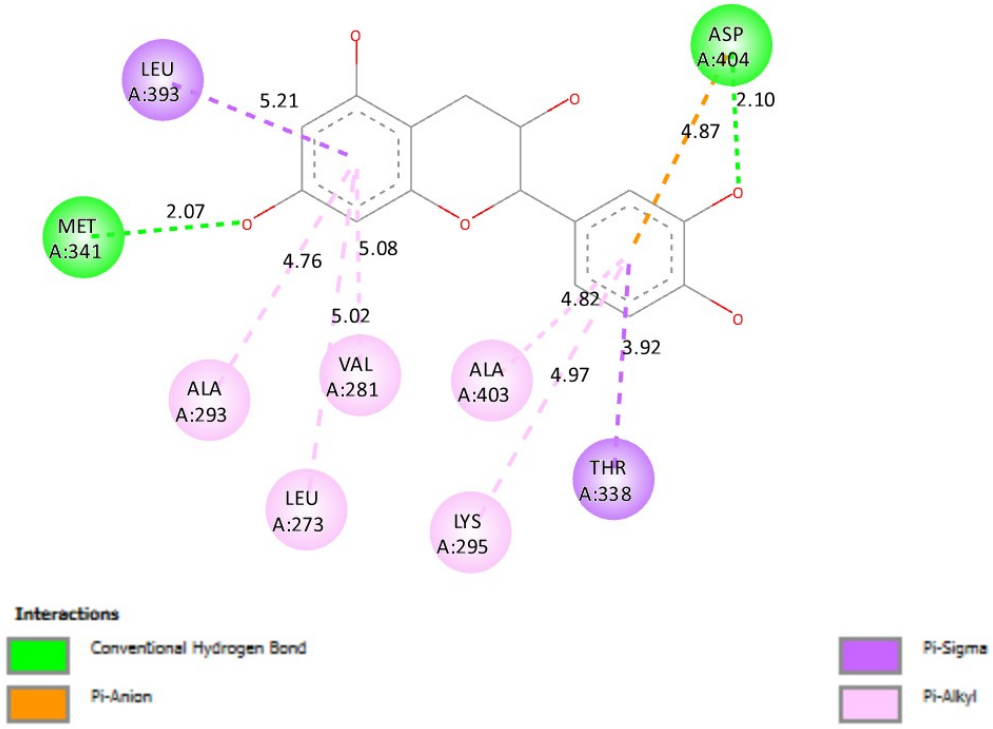

Suppl. Fig. 5S — Mass fragmentation pattern of compounds Ellagic acid and Physcion



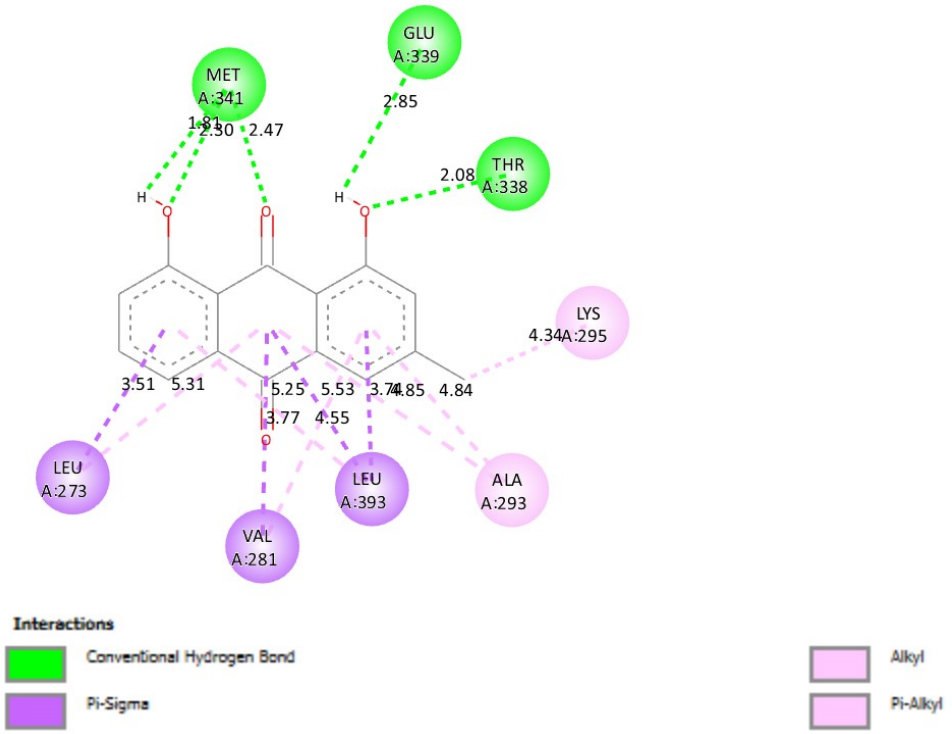

Suppl. Fig. 6S — Mass fragmentation pattern of compounds Esculin



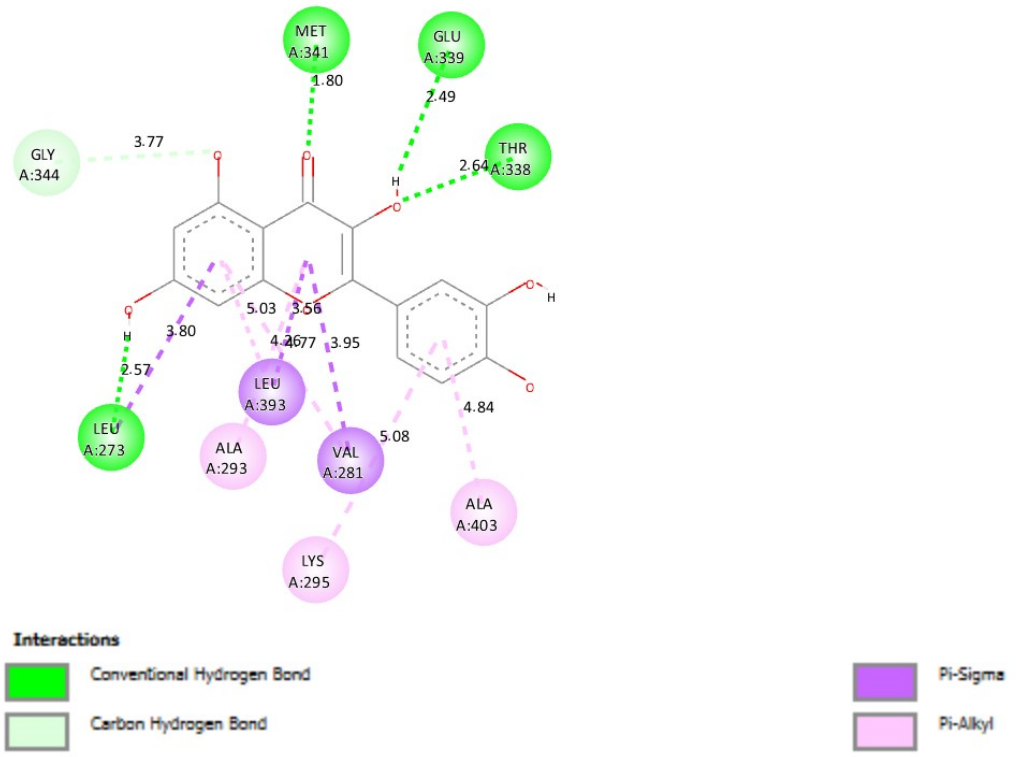

Suppl. Fig. 7S — 2D molecular interaction of compound Rhein against 2H8H protein



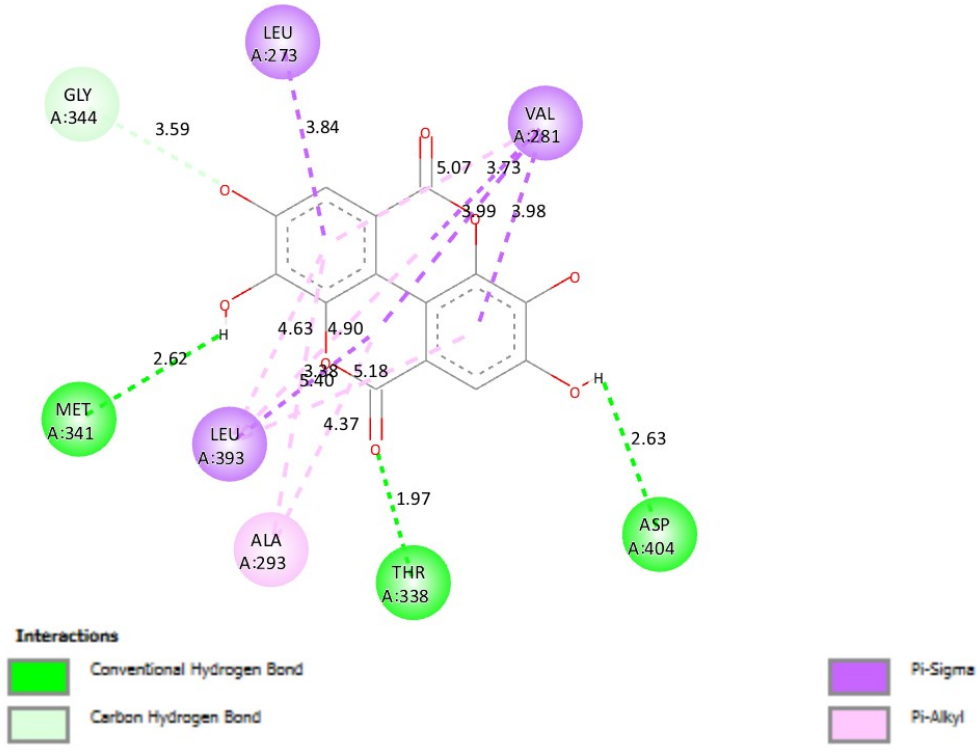

Suppl. Fig. 8S — 2D molecular interaction of compound Catechin against 2H8H protein



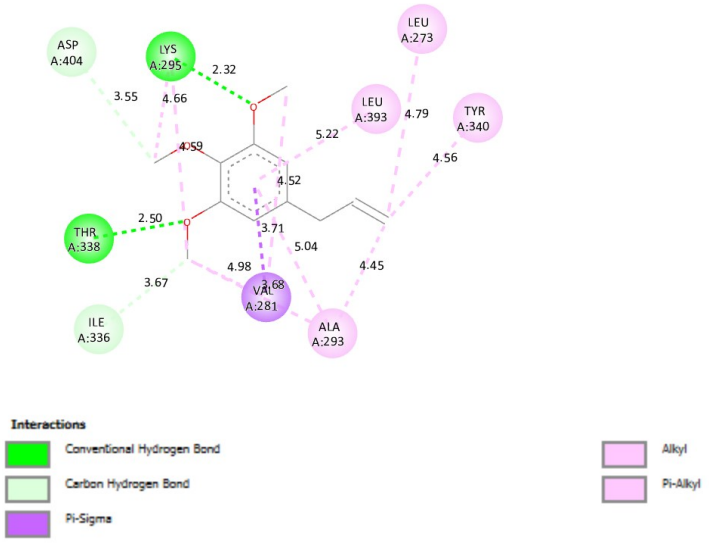

Suppl. Fig. 9S — 2D molecular interaction of compound Chrysophanic acid against 2H8H protein



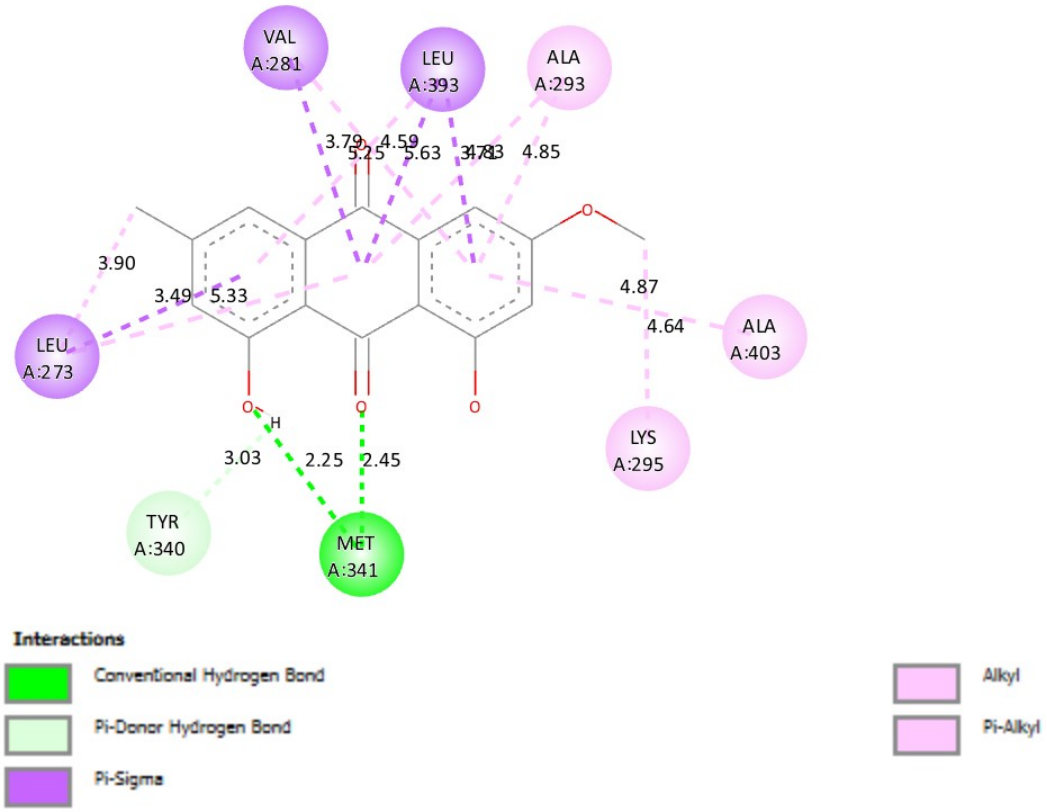

Suppl. Fig. 10S — 2D molecular interaction of compound Quercetin against 2H8H protein



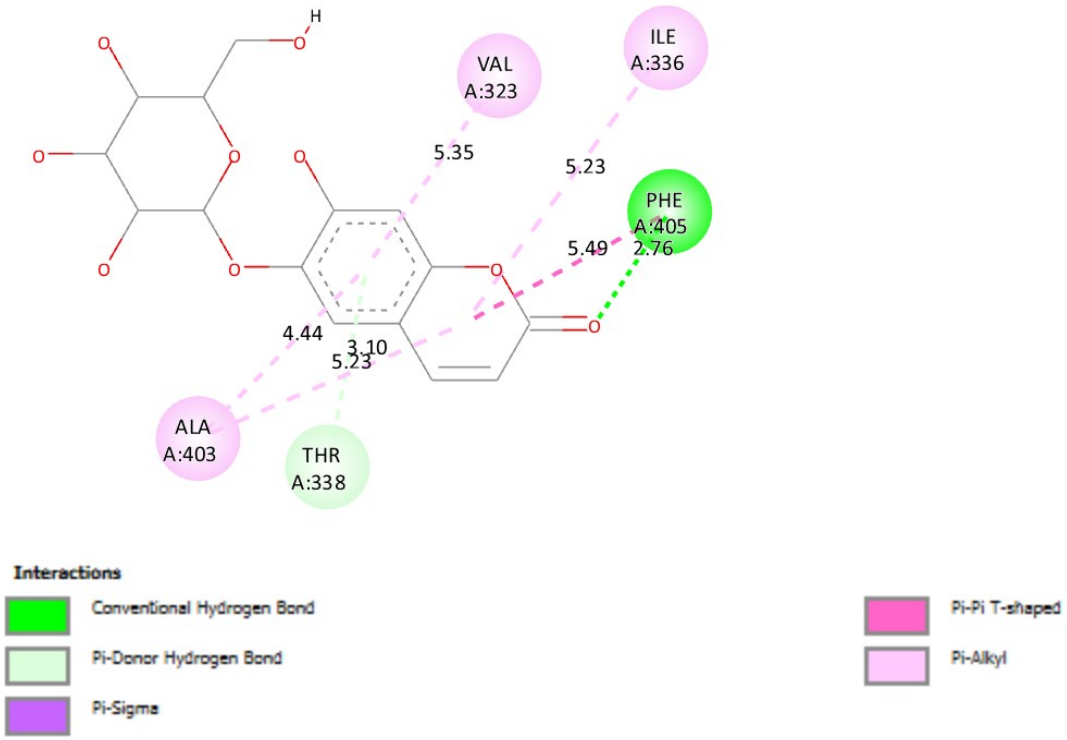

Suppl. Fig. 11S — 2D molecular interaction of compound Ellagic acid against 2H8H protein



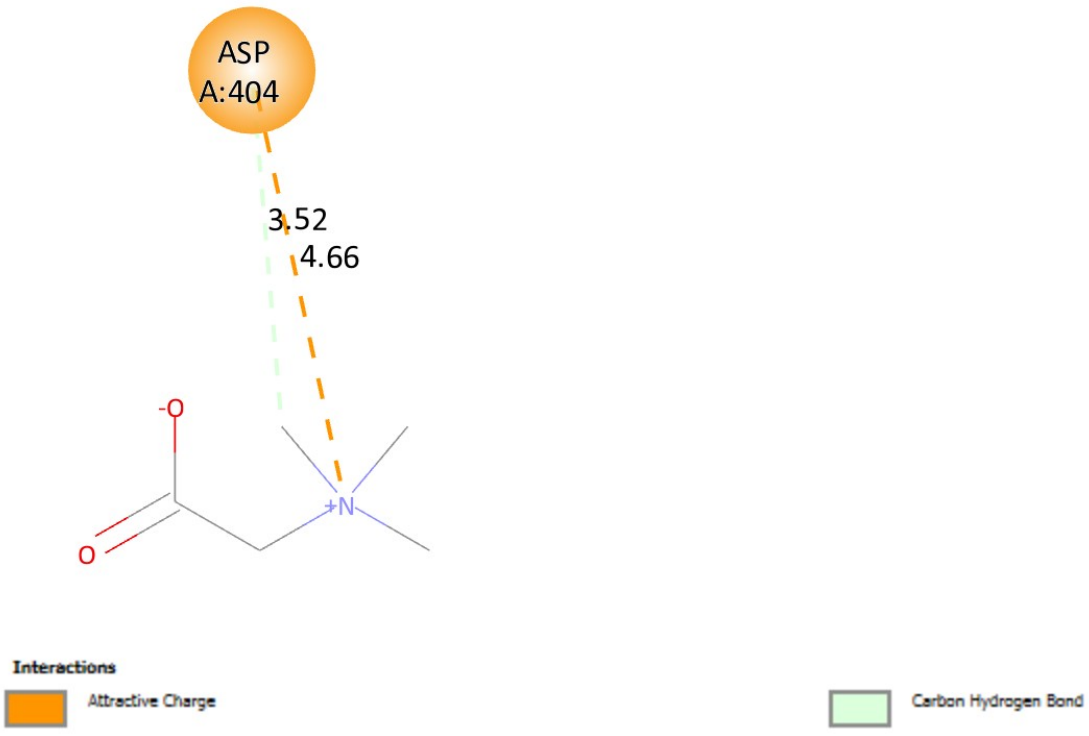

Suppl. Fig. 12S — 2D molecular interaction of compound Elemicin against 2H8H protein



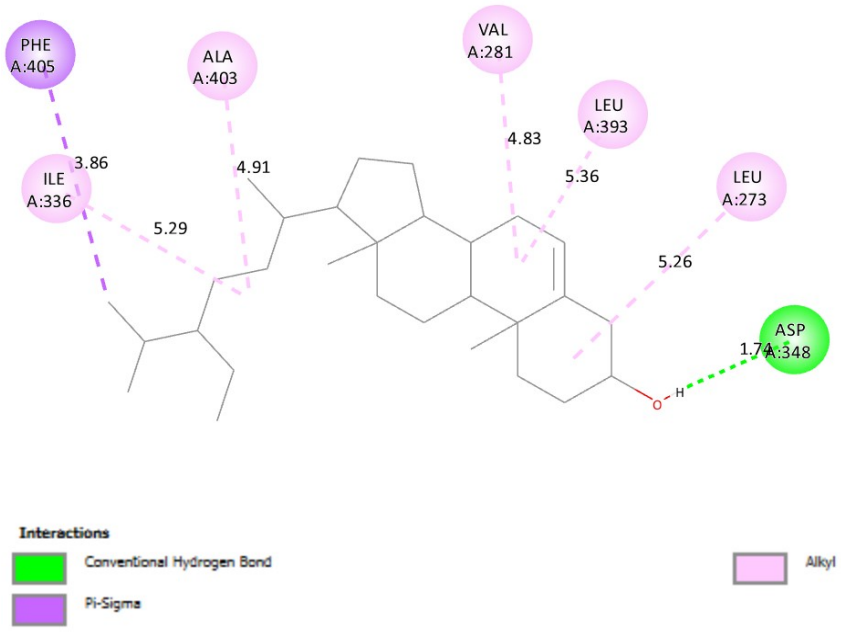

Suppl. Fig. 13S — 2D molecular interaction of compound Physcion against 2H8H protein



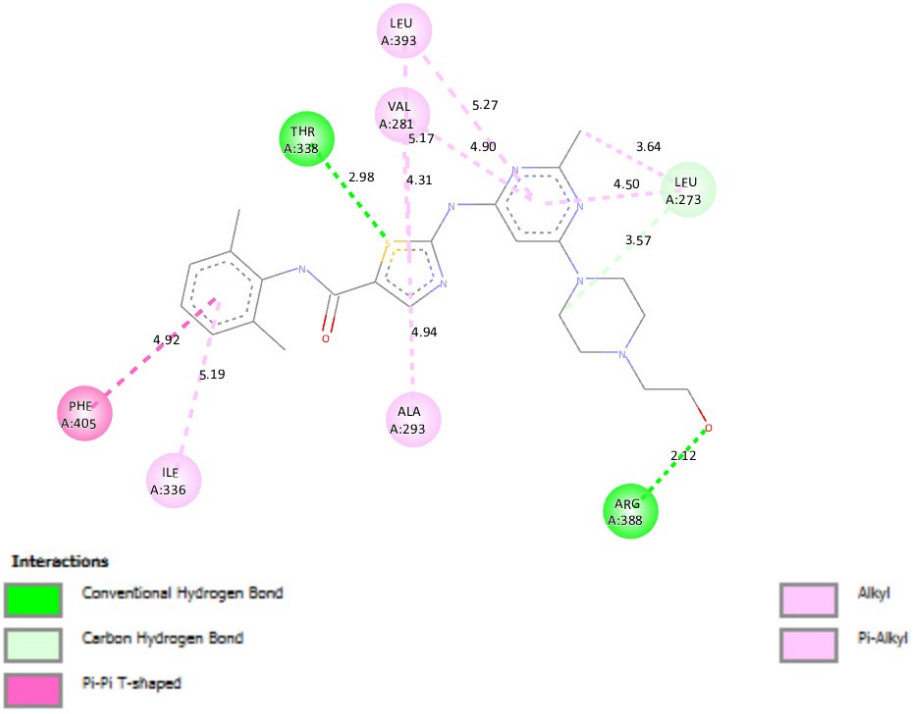

Suppl. Fig. 14S — 2D molecular interaction of compound Esculin against 2H8H protein



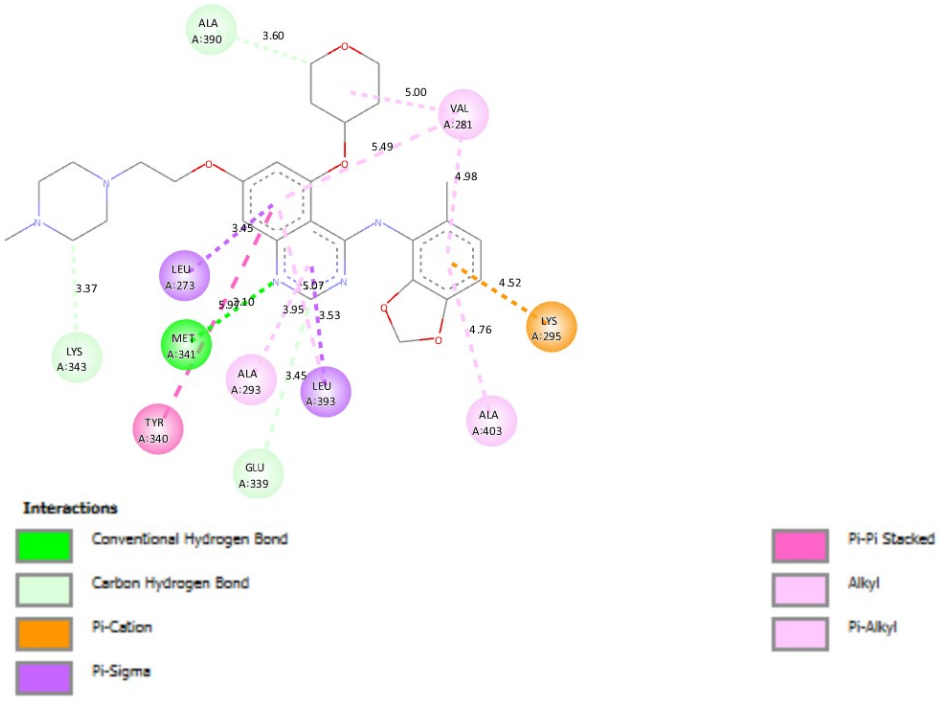

Suppl. Fig. 15S — 2D molecular interaction of compound Betaine against 2H8H protein



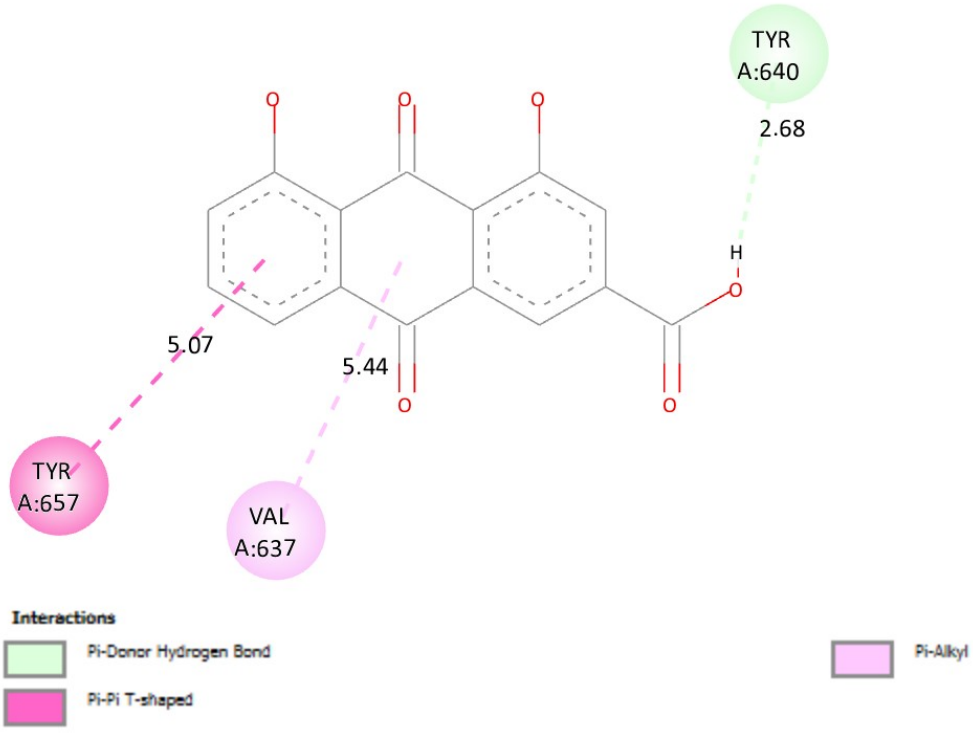

Suppl. Fig. 16S — 2D molecular interaction of compound Sitosterol against 2H8H protein



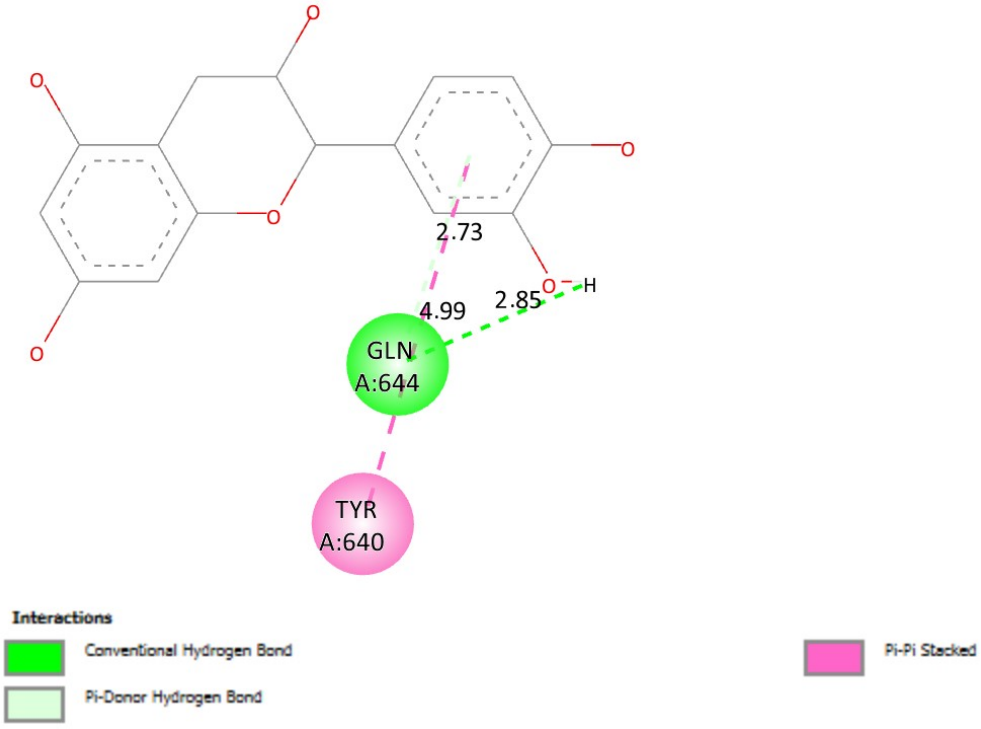

Suppl. Fig. 17S — 2D molecular interaction of compound Dasatinib (reference) against 2H8H protein



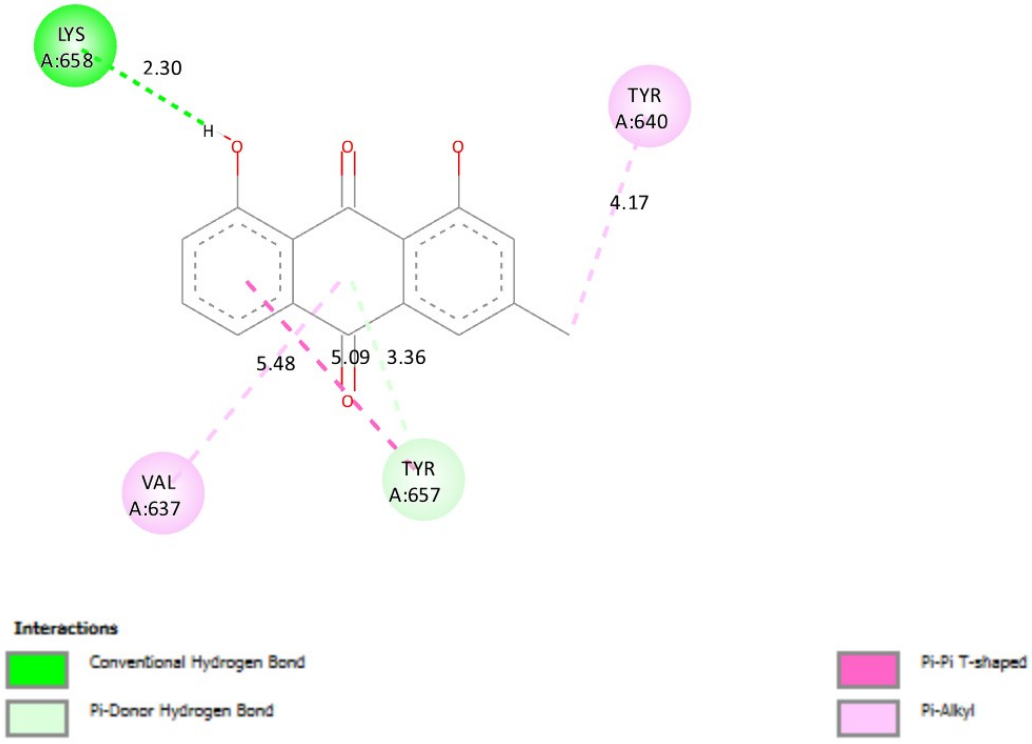

Suppl. Fig. 18S — 2D molecular interaction of compound co-crystal ligand against 2H8H protein



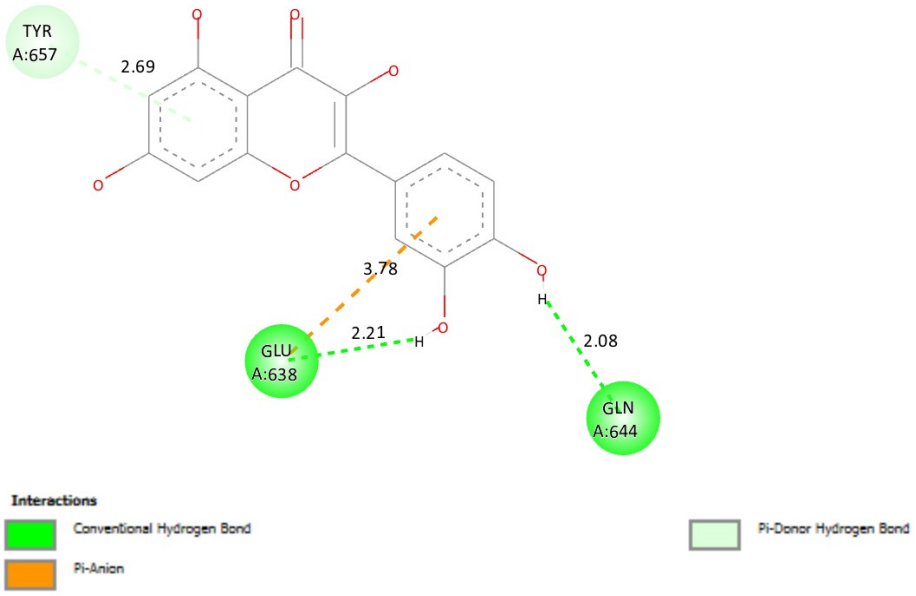

Suppl. Fig. 19S — 2D molecular interaction of compound Rhein against 6NJS protein



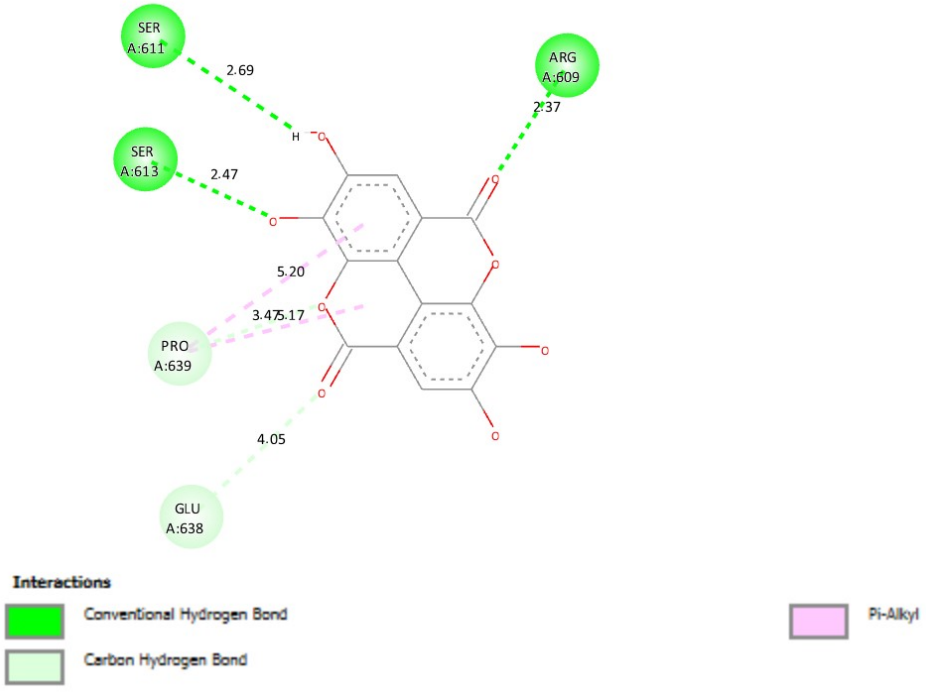

Suppl. Fig. 20S — 2D molecular interaction of compound Catechin against 6NJS protein



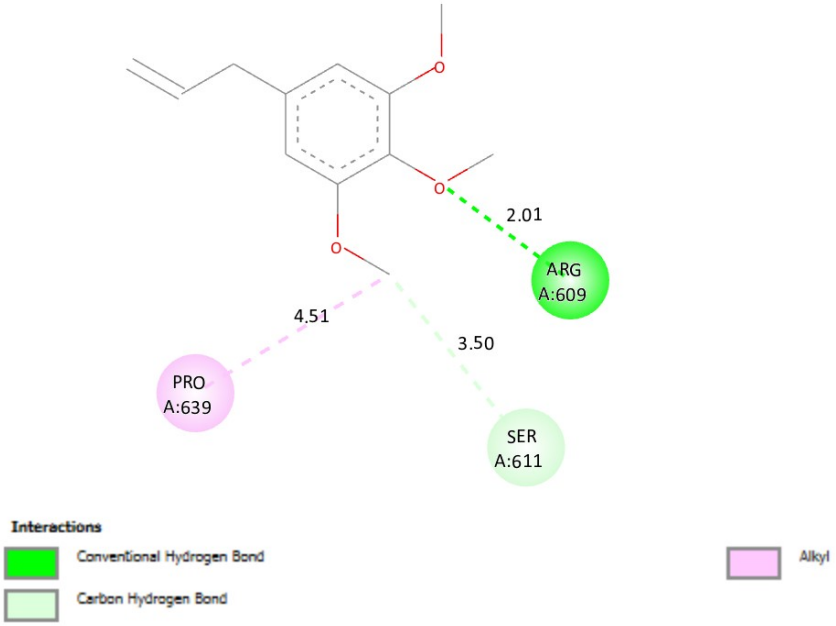

Suppl. Fig. 21S — 2D molecular interaction of compound Chrysophanic acid against 6NJS protein



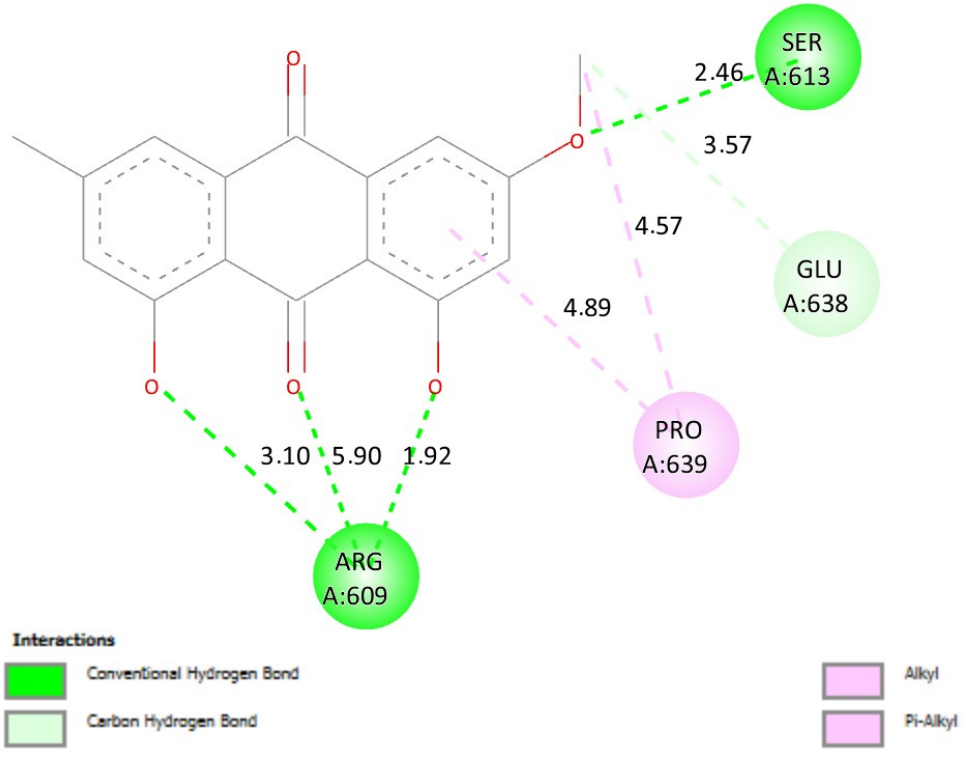

Suppl. Fig. 22S — 2D molecular interaction of compound Quercetin against 6NJS protein



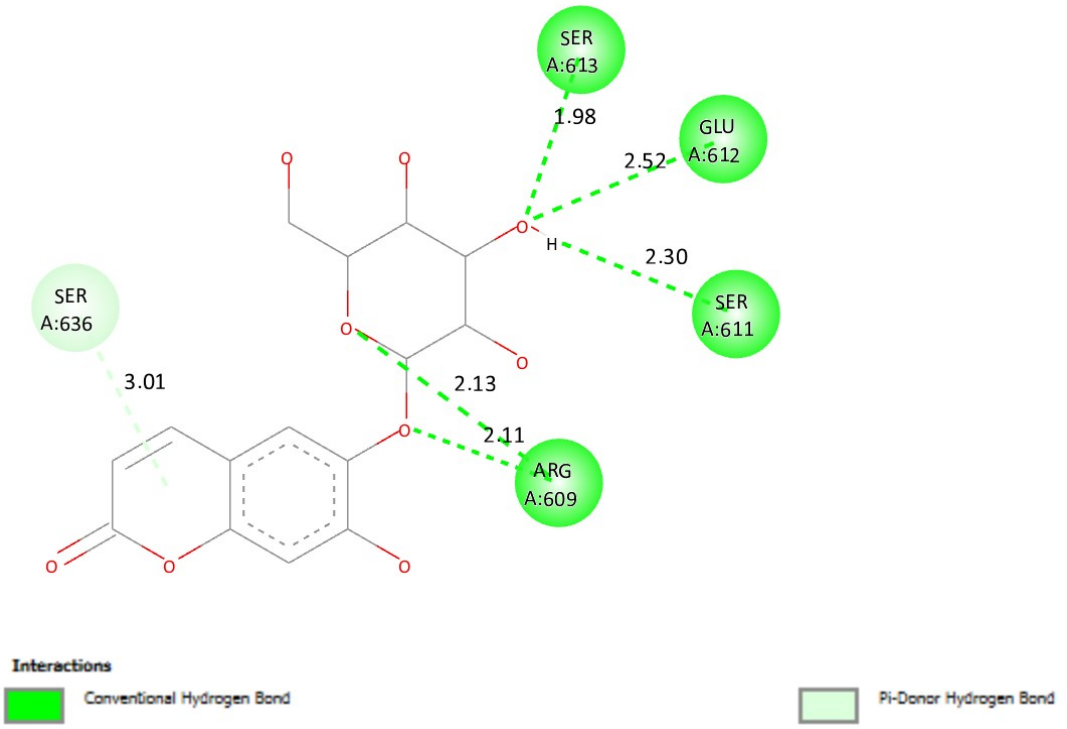

Suppl. Fig. 23S — 2D molecular interaction of compound Ellagic acid against 6NJS protein



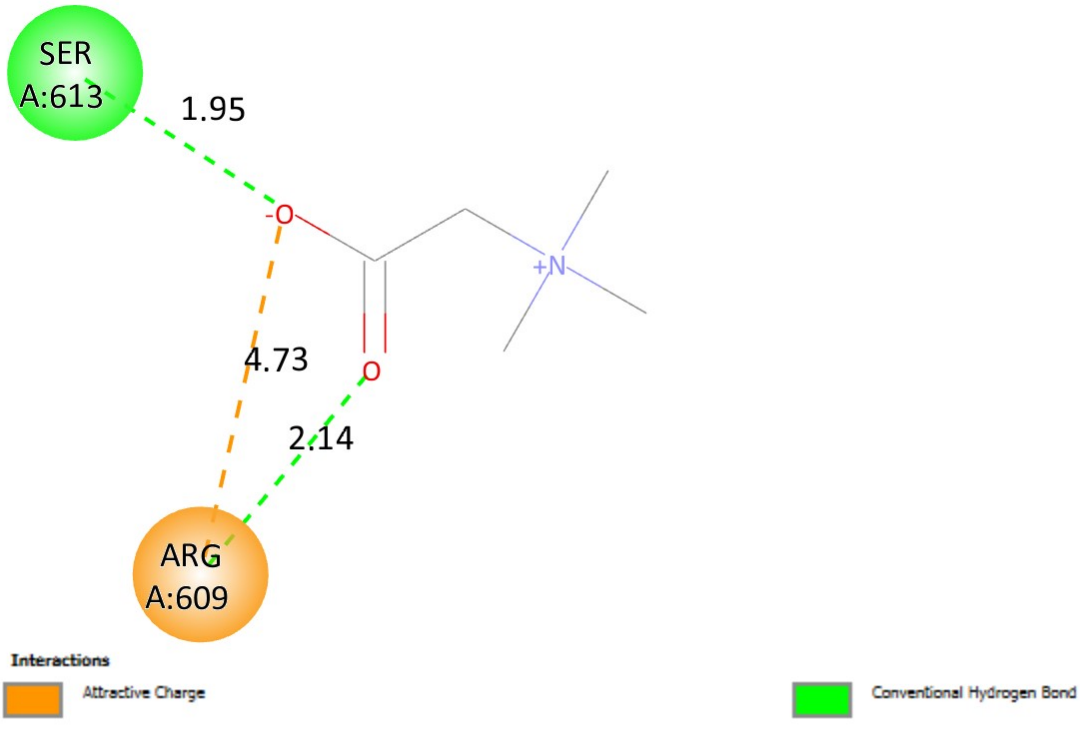

Suppl. Fig. 23S — 2D molecular interaction of compound Elemicin against 6NJS protein



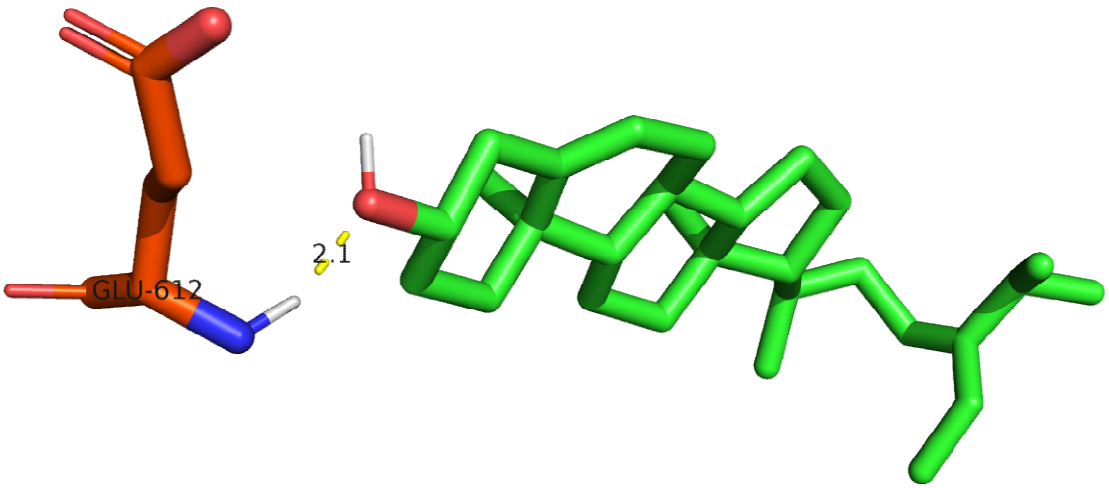

Suppl. Fig. 24S — 2D molecular interaction of compound Physcion against 6NJS protein



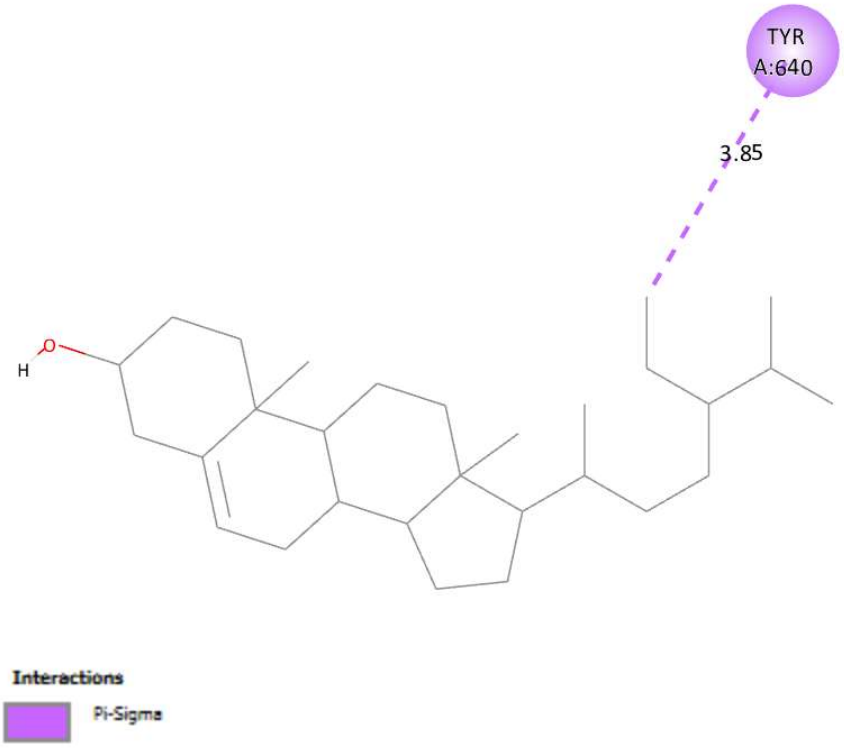

Suppl. Fig. 25S — 2D molecular interaction of compound Esculin against 6NJS protein



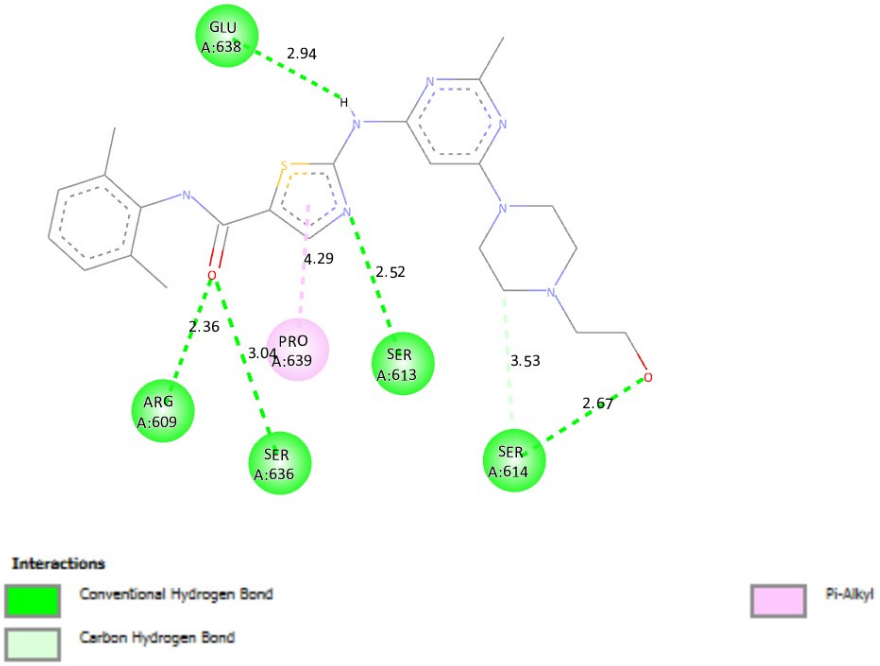

Suppl. Fig. 26S — 2D molecular interaction of compound Betaine against 6NJS protein



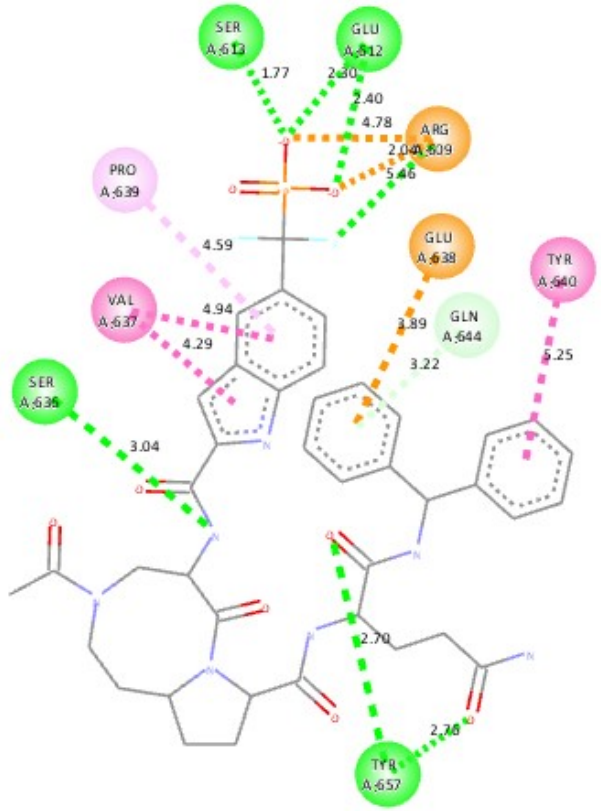

Suppl. Fig. 27S — 3D molecular interaction of compound Fucosterol against 6NJS protein




Suppl. Fig. 28S — 2D molecular interaction of compound Sitosterol against 6NJS protein




Suppl. Fig. 29S — 2D molecular interaction of compound Dasatinib (reference drug) against 6NJS protein




Suppl. Fig. 30S — 2D molecular interaction of compound co-crystal ligand against 6NJS protein