

# Malvidin and its mono- and di-glucosides forms: a study of combining both *in vitro* and molecular docking studies focused on cholinesterase, butyrylcholinesterase, COX-1 and COX-2 activities

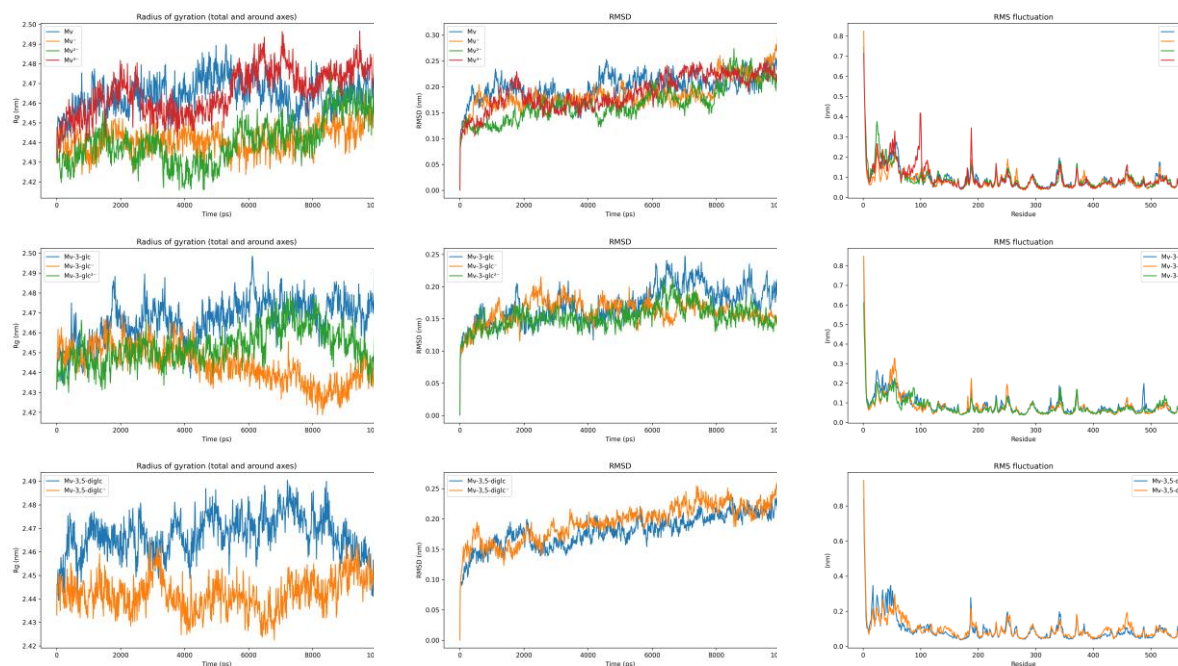
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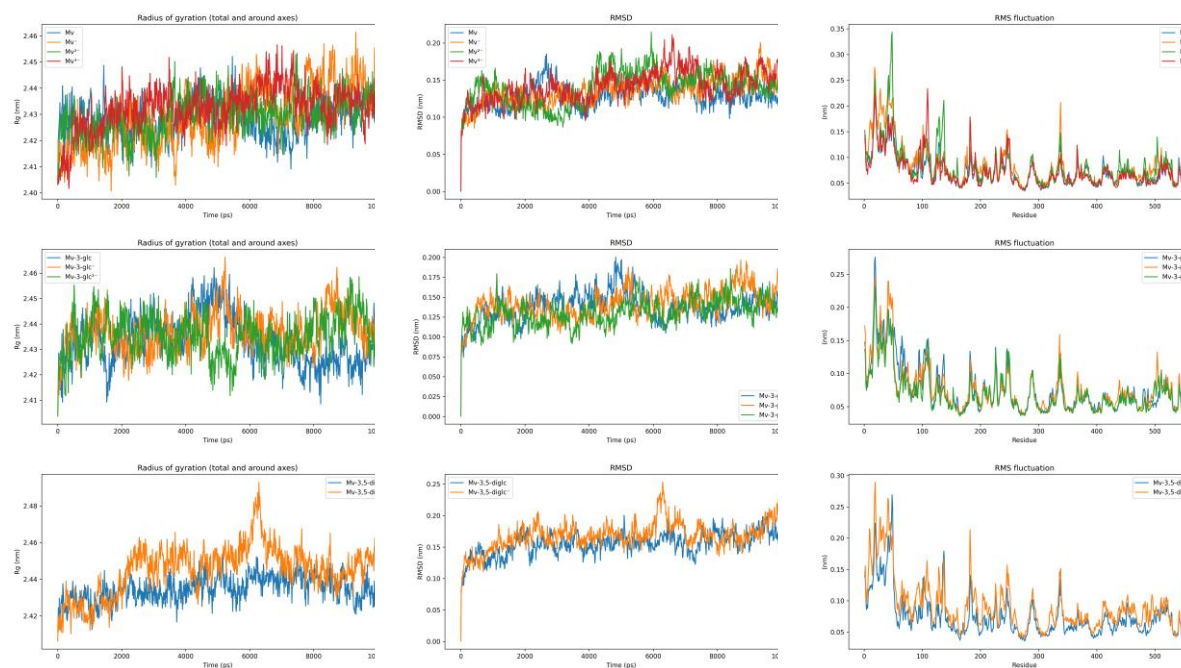
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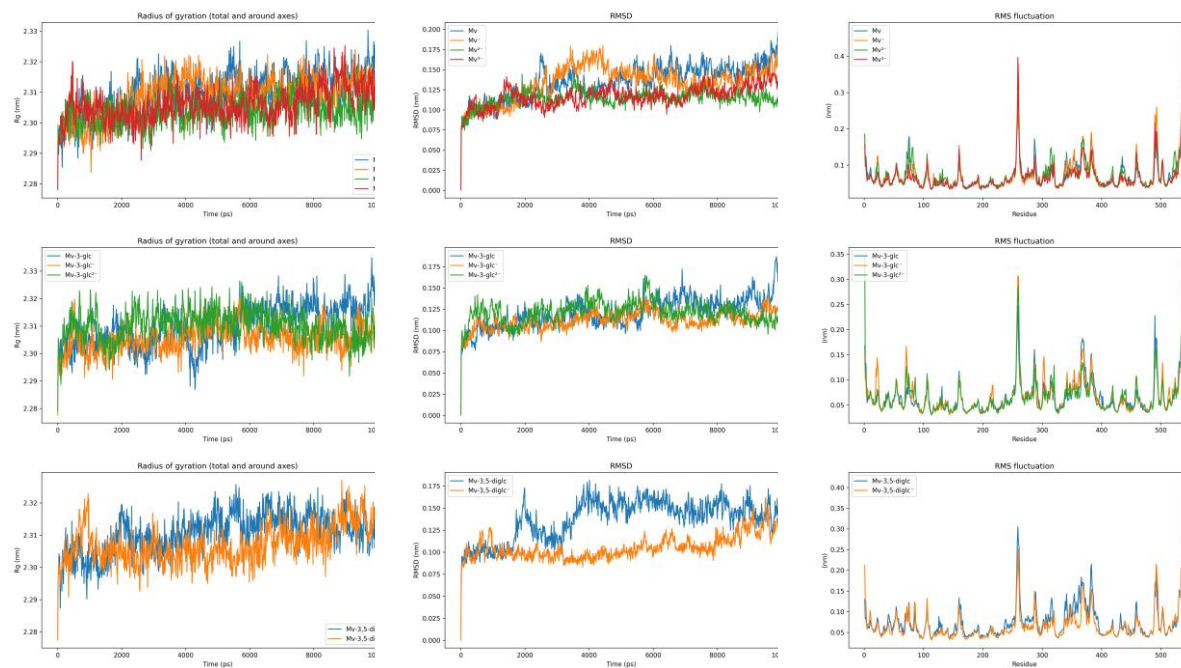
**Figure S1.** Radius of gyration, RMSD and RMSF calculated for the backbone atoms of the complexes with COX-1.



**Figure S2.** Radius of gyration, RMSD and RMSF calculated for the backbone atoms of the complexes with COX-2.



**Figure S3.** Radius of gyration, RMSD and RMSF calculated for the backbone atoms of the complexes with AChE.



**Figure S4.** Radius of gyration, RMSD and RMSF calculated for the backbone atoms of the complexes with BChE.

