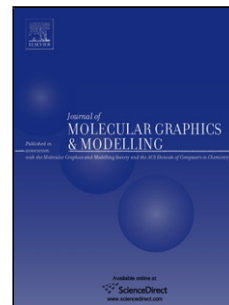


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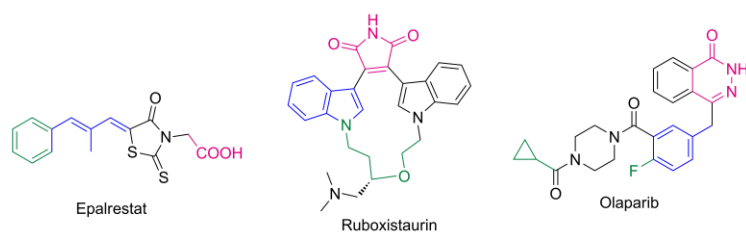
Pharmacophore based Design of Some Multi-Targeted Compounds Targeted against Pathways of Diabetic Complications

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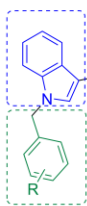
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Graphical abstract



Indole nucleus:
Interact with hydrophobic residues of ALR2, PKC β and PARP-1

Benzyl group:
Interact with large hydrophobic pocket of ALR2
Interact with hydrophobic groove of PKC β



Thiazolidine-2,4-dione:
Interact with Tyr48, His110 and Trp111 of ALR2
Interact with hinge region (Thr404, Glu421 and Val423) of PKC β
Interact with Gly202 and Ser243 of PARP-1

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