

## Supporting Information

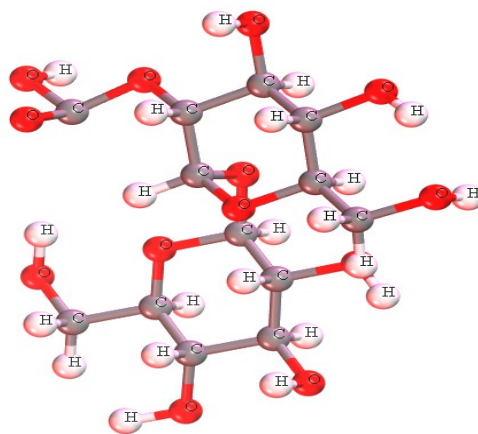
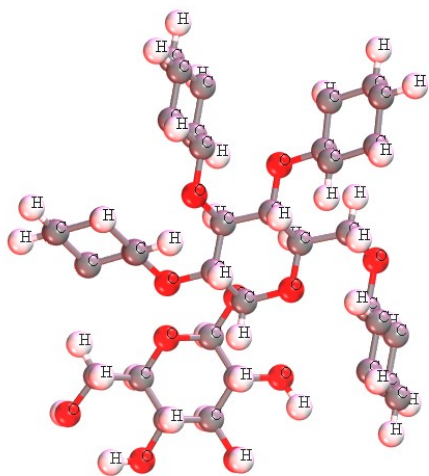
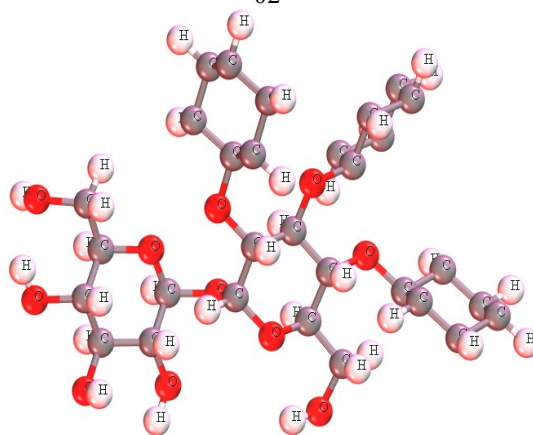
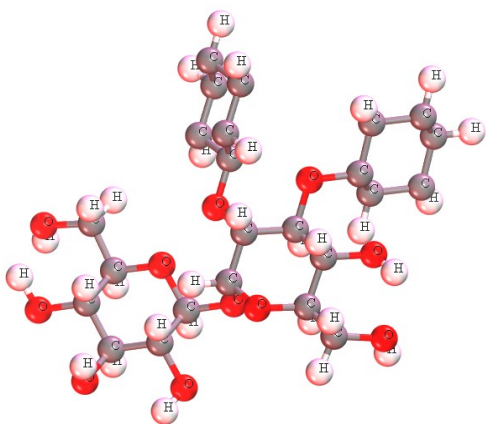
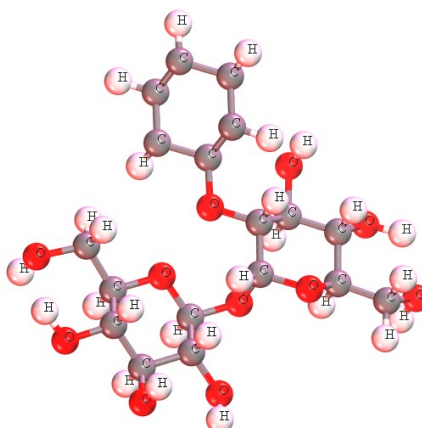
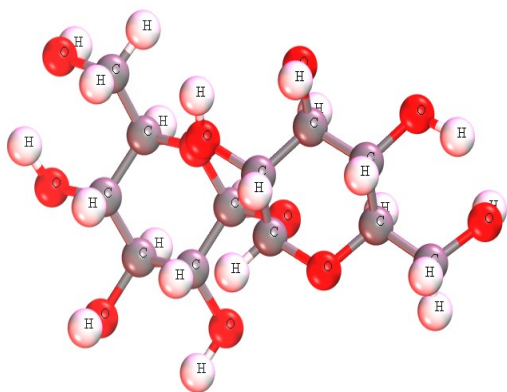
*Org. Commun. X:X (202X) XX-XX*

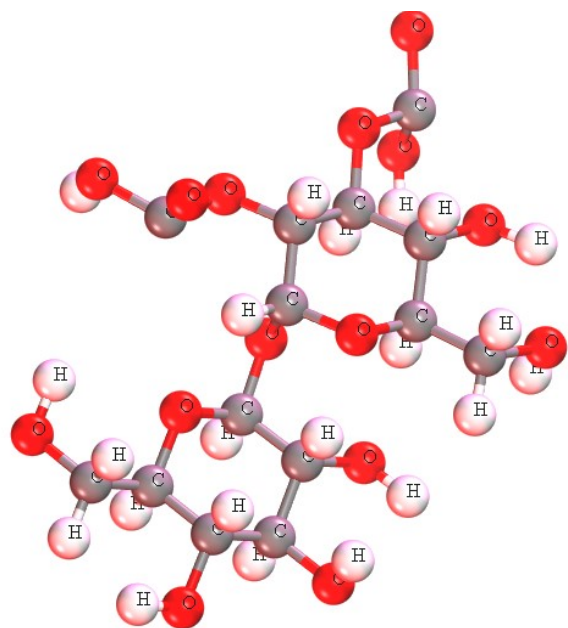
### **Computational screening of novel therapeutic and potent molecules from bioactive trehalose and its eight derivatives by different insilico studies for the treatment of diabetes mellitus**

**Shopnil Akash**

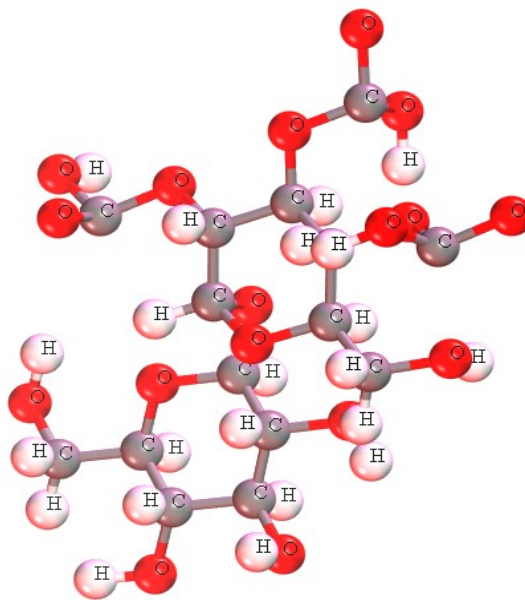
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<b>Table of Contents</b>		<b>Page</b>
<b>Figure S1:</b> 3D visualization of the studied compounds		2
<b>Figure S2:</b> Oral glucose tolerance test before and after taking Metformin Hydrochloride		4

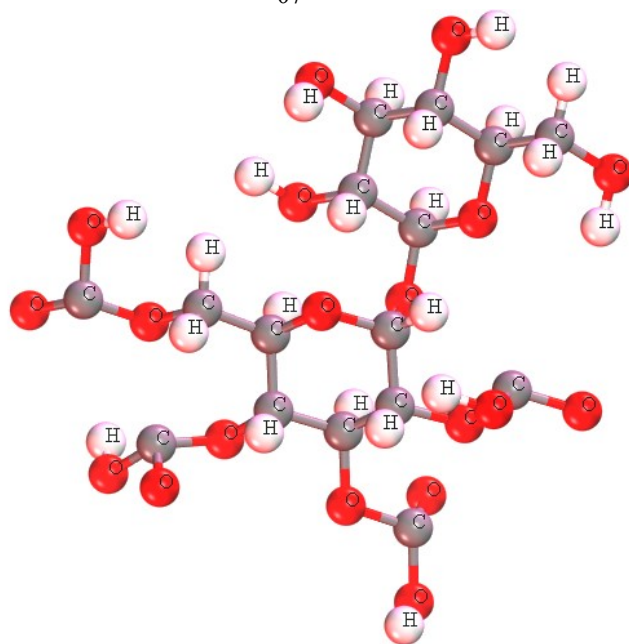




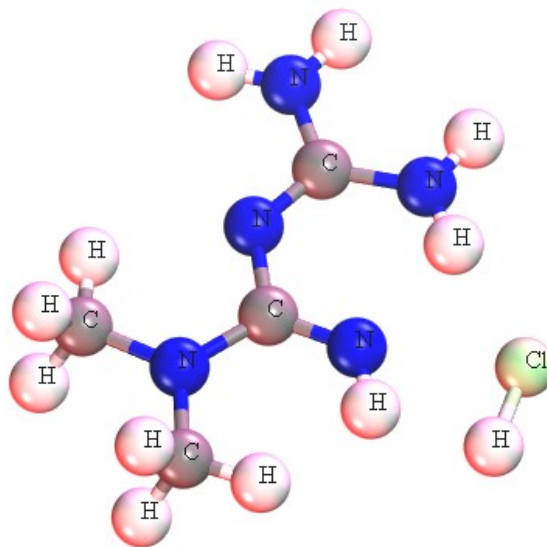
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Metformin hydrochloride (PubChem CID: 14219)

**Figure S1:** 3D visualization of the studied compounds



**Figure S2:** Oral glucose tolerance test before and after taking Metformin Hydrochloride