

## Supporting Information

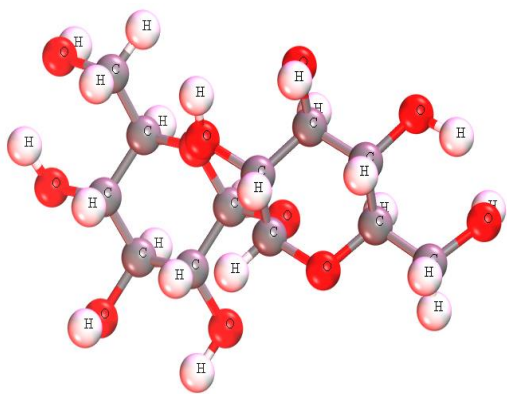
*Org. Commun.* 15:3 (2022) 288-296

# 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

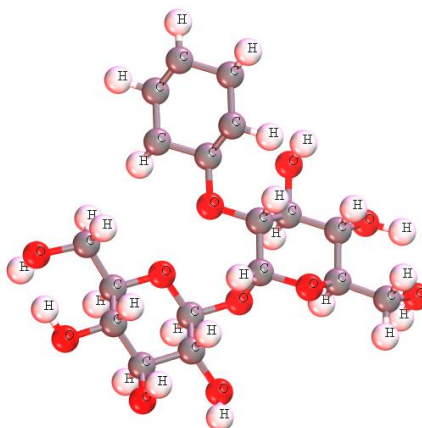
**Shopnil Akash**

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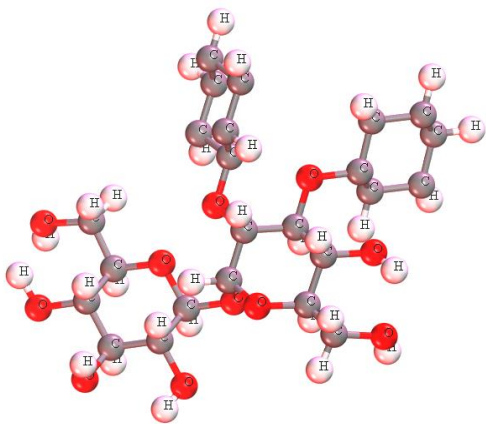
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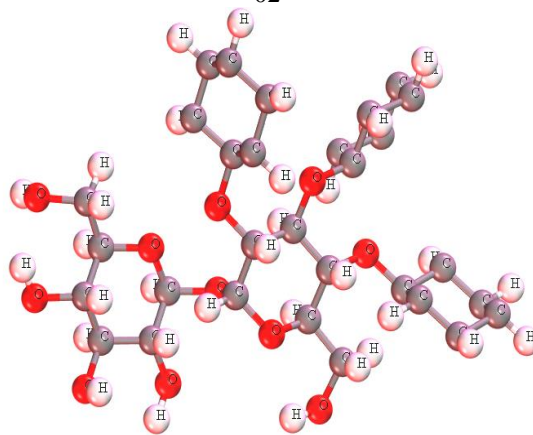
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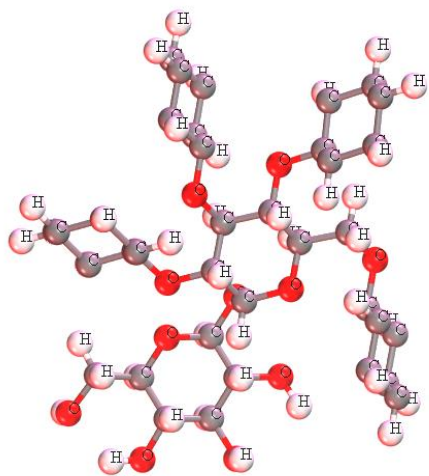
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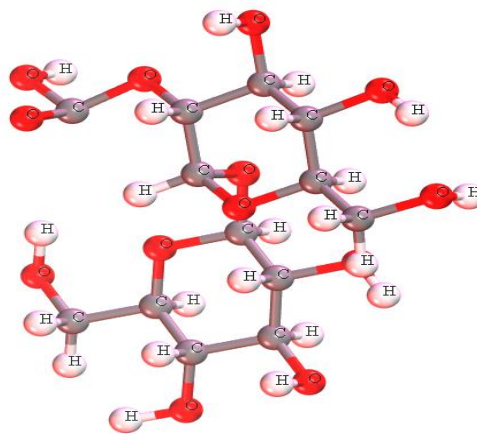
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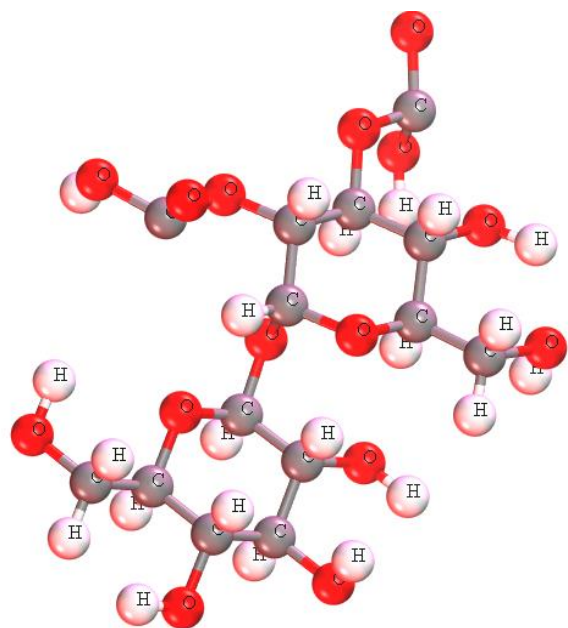
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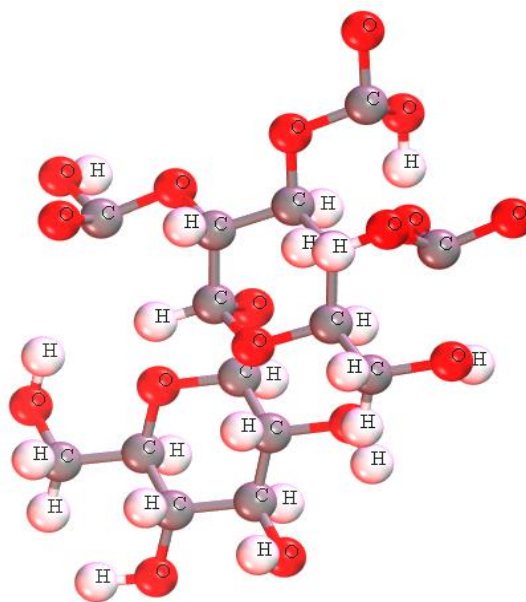
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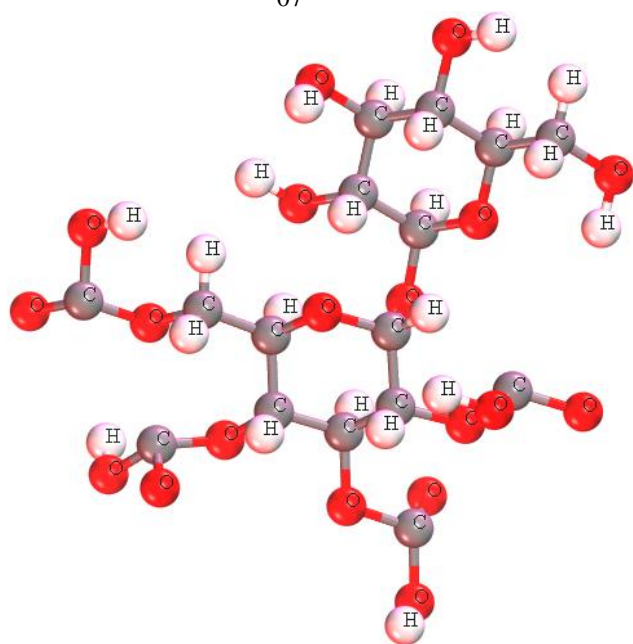
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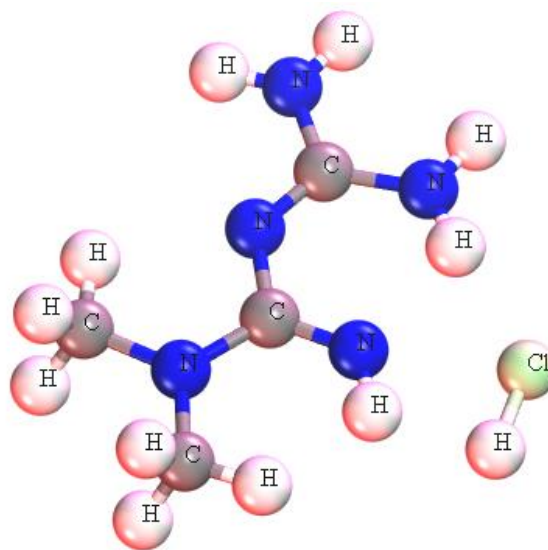
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08



09



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