

Supporting information

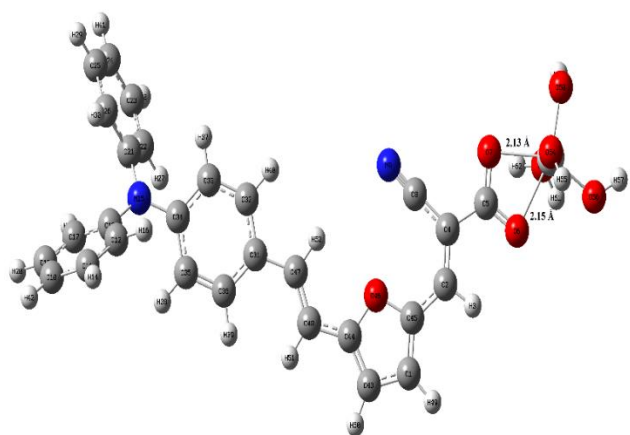
Article

Designing Efficient metal-free dyes Dye-Sensitized Solar Cells: a detailed computational study

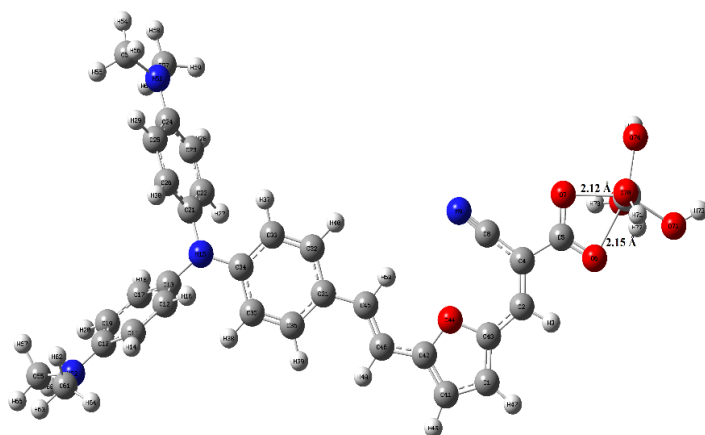
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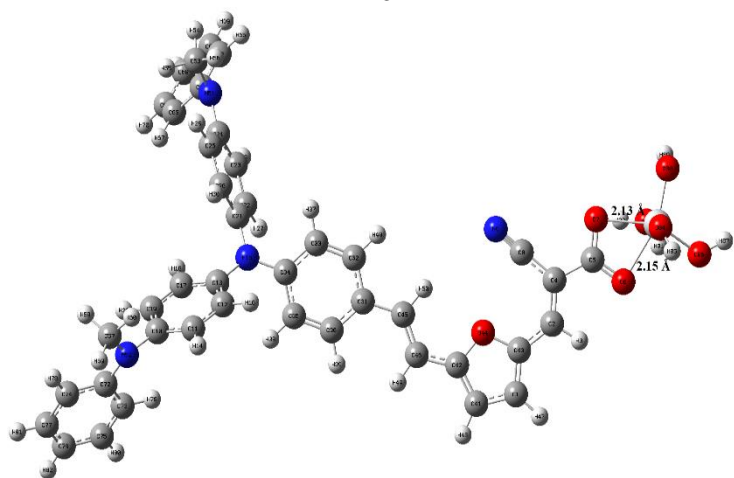
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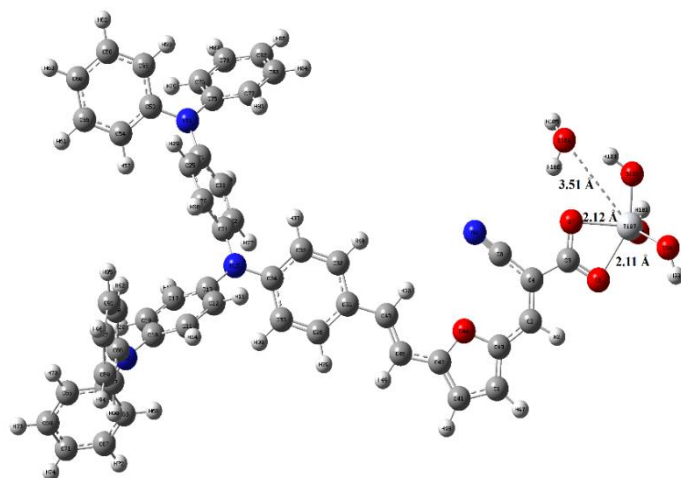
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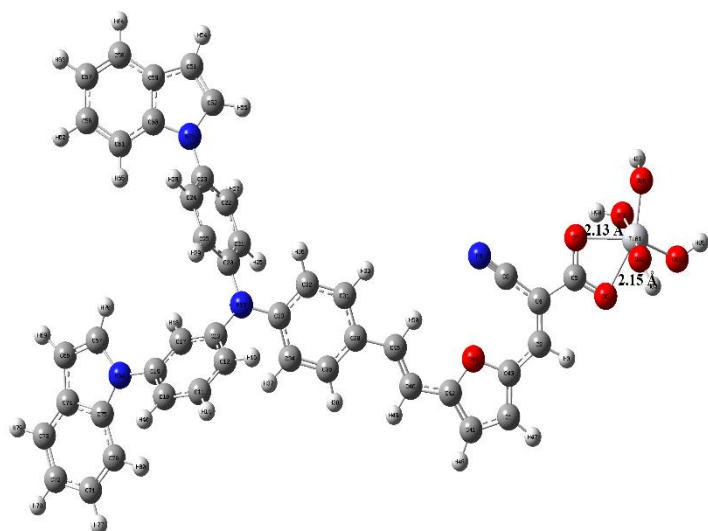
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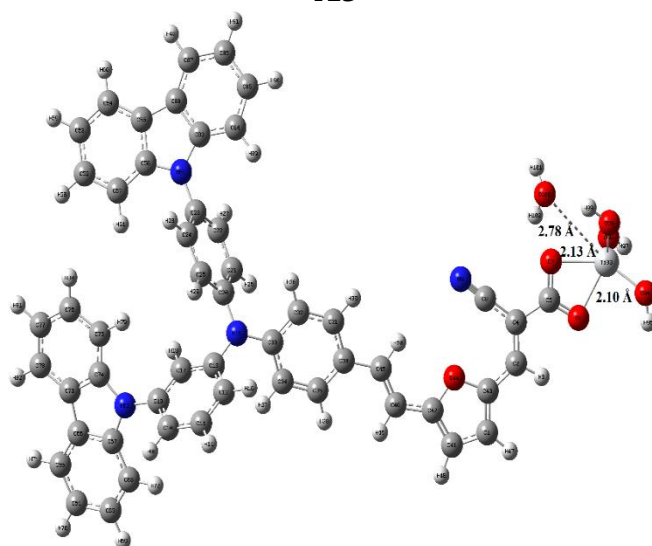
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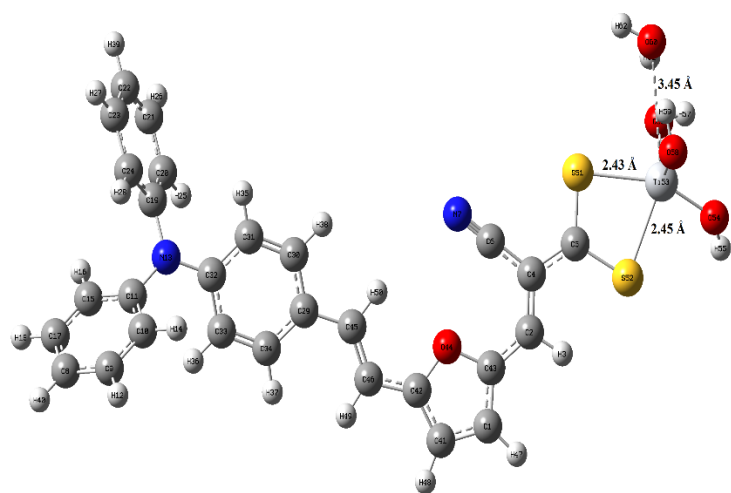
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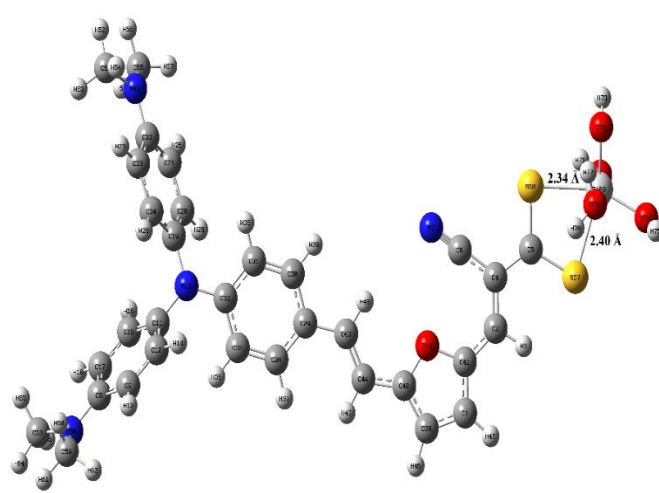
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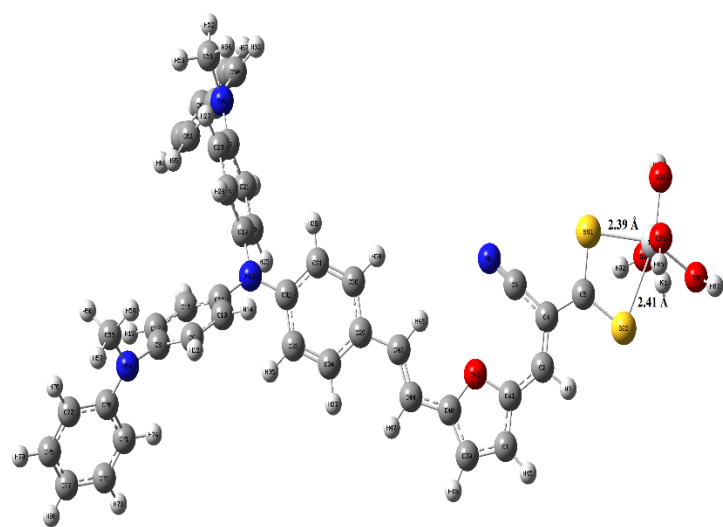
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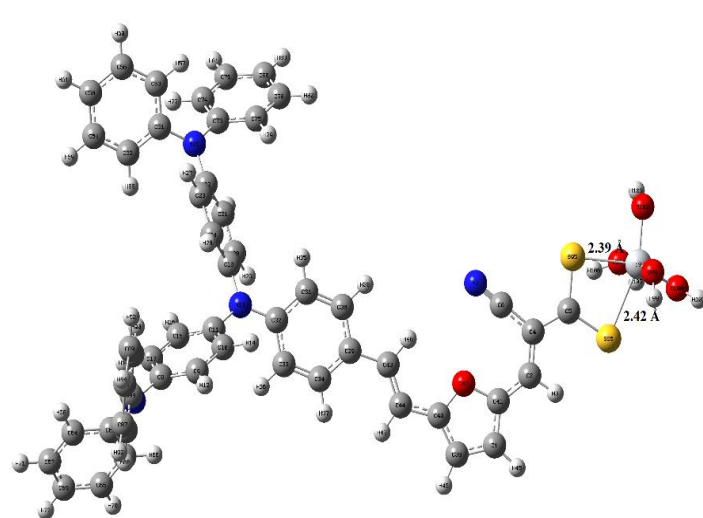
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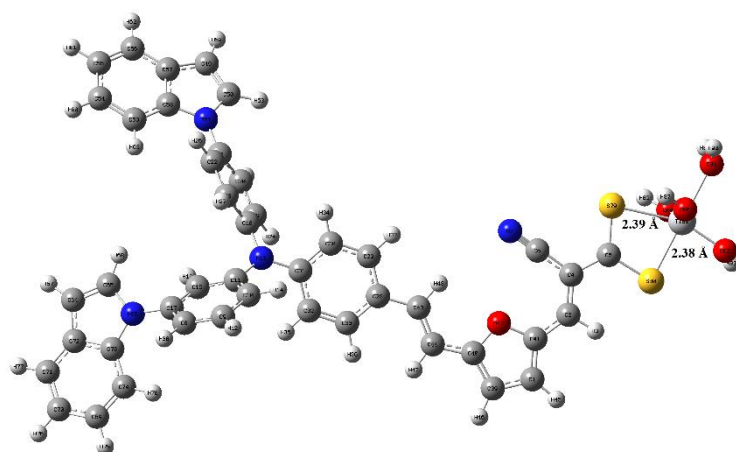
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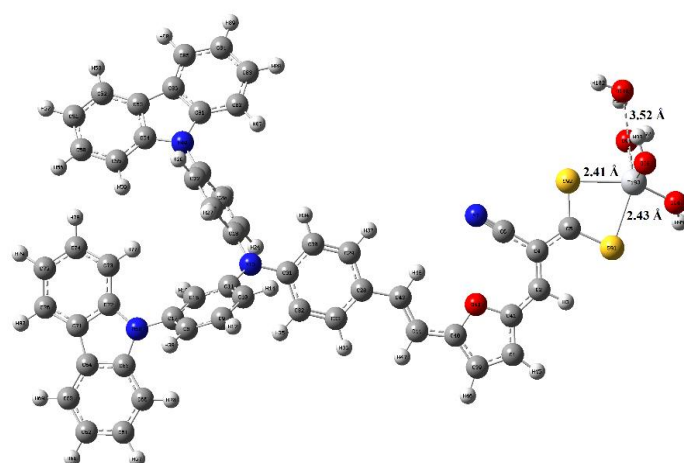
B2



B3



B4



B5

Figure S1. The optimized geometry of all designed dyes attached with the $\text{Ti}(\text{OH})_4$ surface.