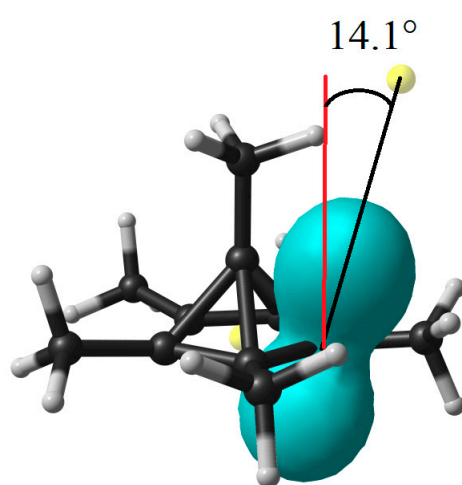


Supporting information for:

# On the Aromaticity and $^{13}\text{C}$ -NMR pattern of Pentagonal-Pyramidal Hexamethylbenzene Dication $\text{C}_6(\text{CH}_3)_6^{2+}$ . A $\text{C}_5(\text{CH}_3)_5^-$ - $\text{CCH}_3^{3+}$ Aggregate

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**Figure S1.** Determination of the tilt angle for the CSA tensor of a representative carbon atom at  $\text{C}_5$  moiety in the  $\text{C}_6(\text{CH}_3)_6^{2+}$  structure. Red line shows a perfectly parallel orientation.