

## Supplementary Data

# Exploring the Efficacy of Benzimidazolone Derivative as Corrosion Inhibitors for Copper in a 3.5 wt.% NaCl Solution: A Comprehensive Experimental and Theoretical Investigation

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**Figurer S1. <sup>1</sup>H NMR of Compound CHBI**

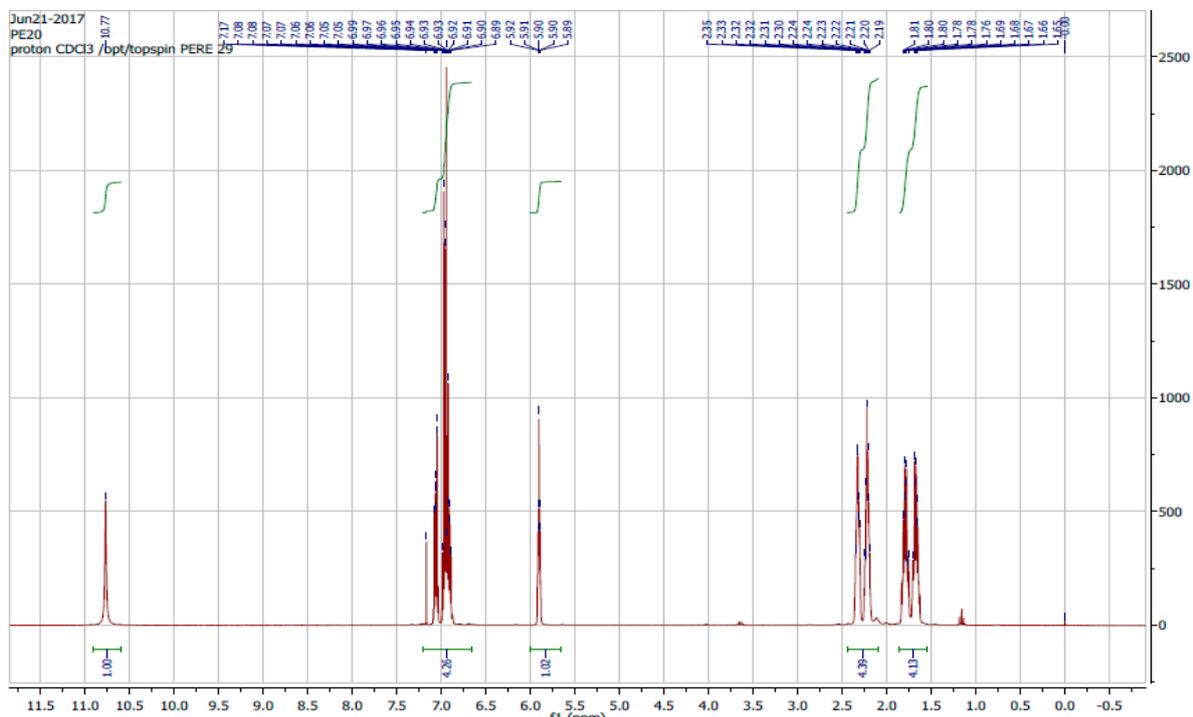


Figure S2.  $^{13}\text{C}$  NMR of Compound CHBI

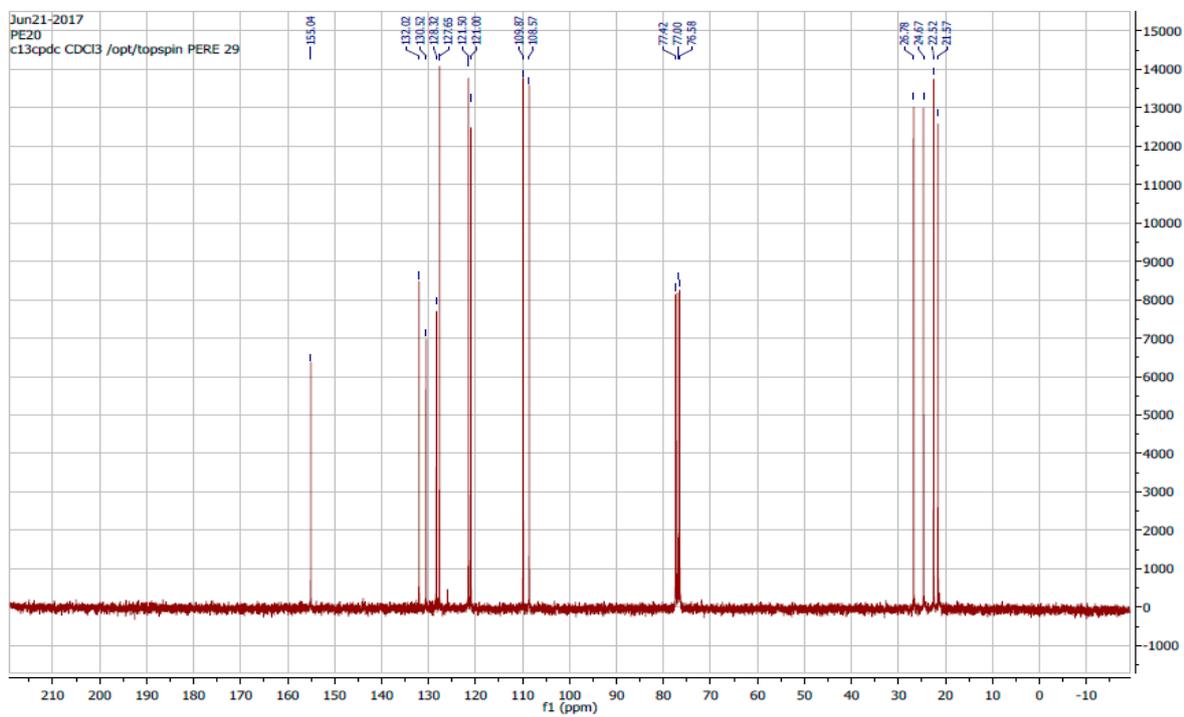


Figure S3. HRMS of Compound CHBI

