

Supplementary Materials:

CF₃-Bis-TEMPO-Vis: New Visible Light Active Bis-Benzimidazolequinone Alkoxyamine

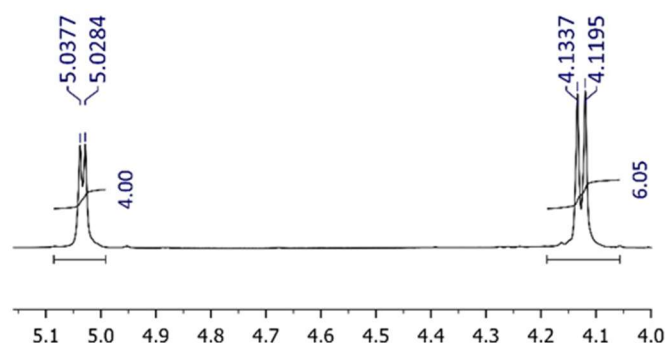
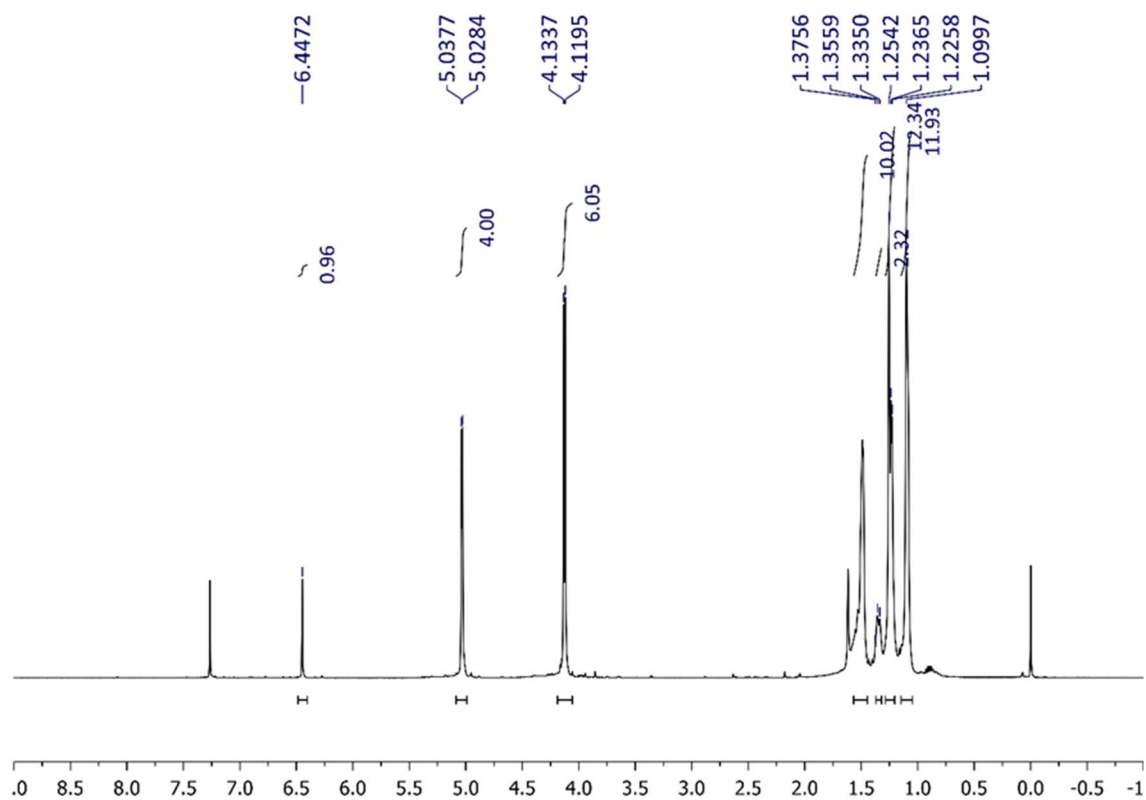
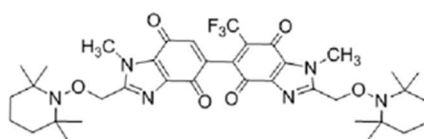
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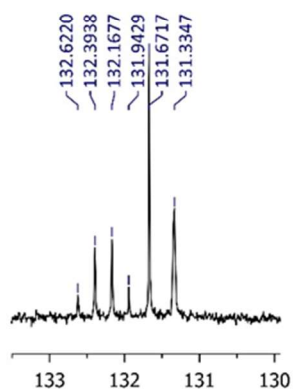
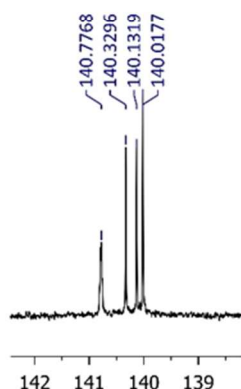
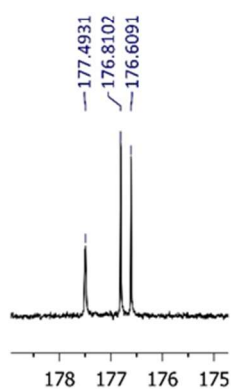
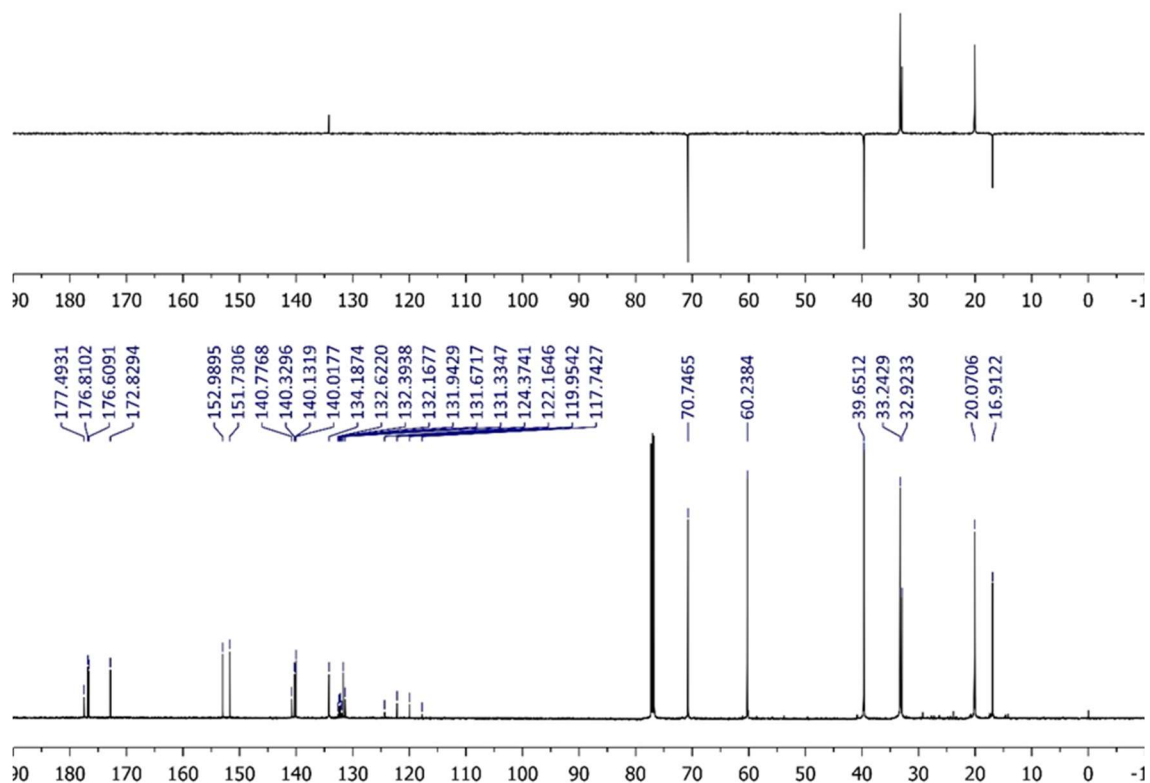
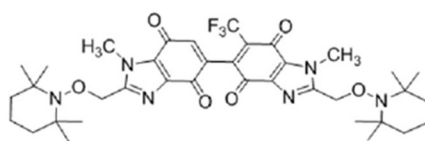
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^1H NMR (500 MHz) of **CF₃-Bis-TEMPO-Vis** in CDCl_3



^{13}C NMR (125 MHz) of **CF₃-Bis-TEMPO-Vis** in CDCl_3



^{19}F NMR (470 MHz) of **CF₃-Bis-TEMPO-Vis** in CDCl_3

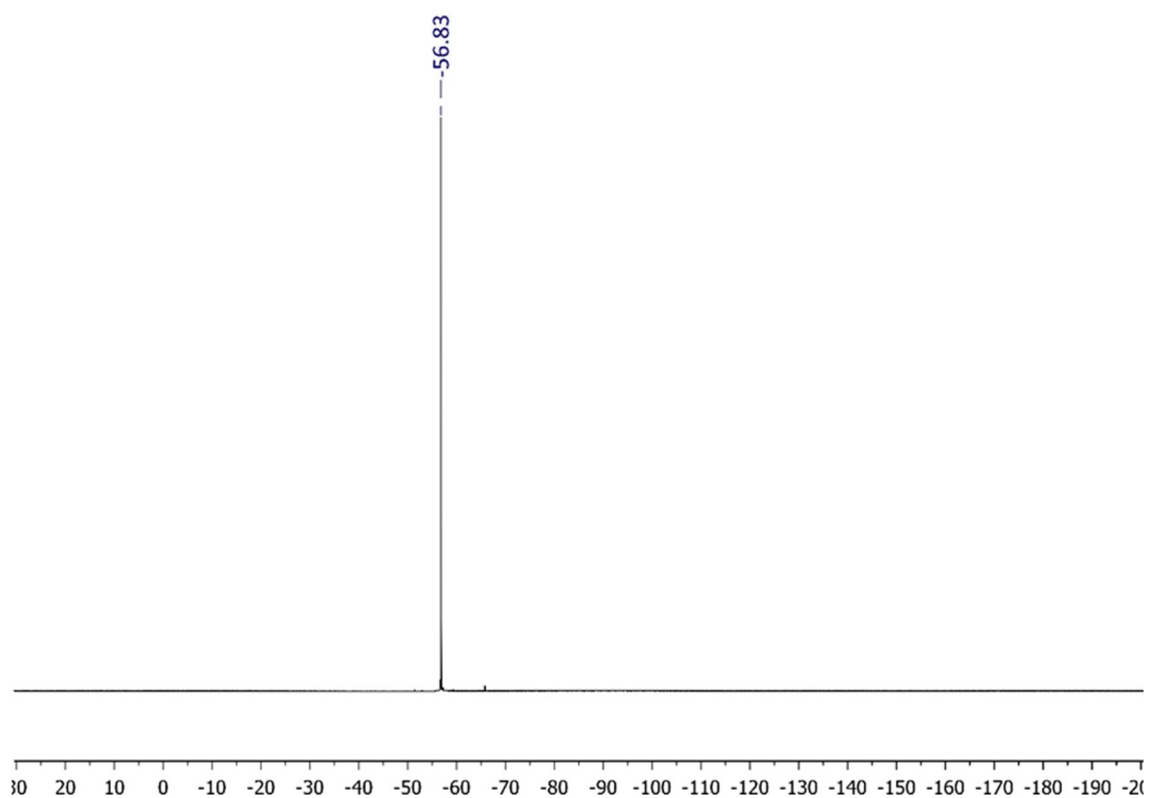
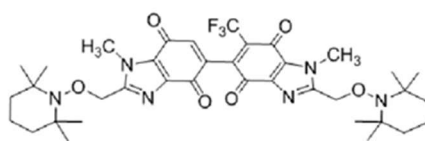


Figure S1. TEMPO release (mol%) versus time (min) from **CF₃-Bis-TEMPO-Vis**, **1** and **Bis-TEMPO-Vis** at room temperature using green-LED (2 X 9 W bulbs) with [Bis-alkoxyamine]₀ = 5 mM (corresponding to Figure 3(A)).

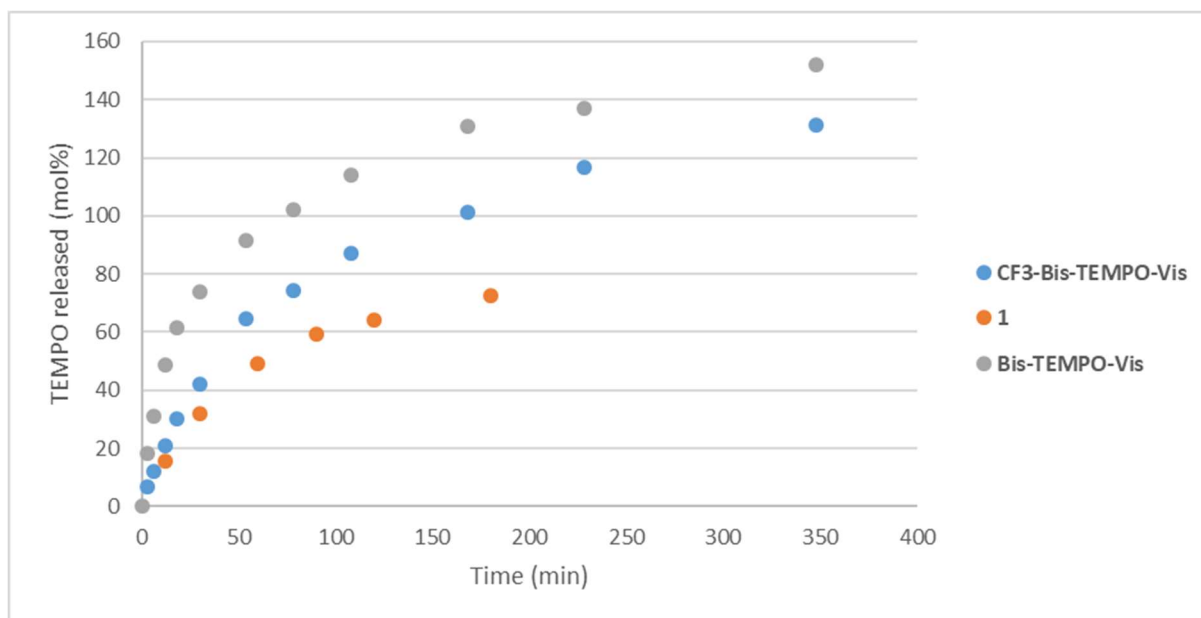
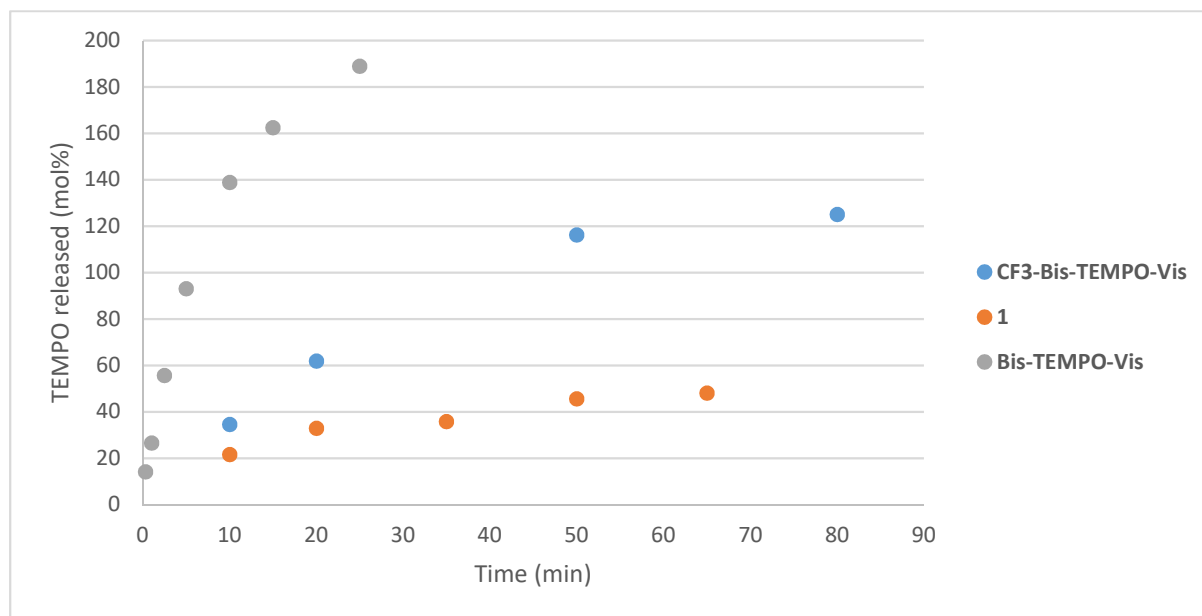


Figure S2. TEMPO release (mol%) versus time (min) from **CF₃-Bis-TEMPO-Vis**, **1** and **Bis-TEMPO-Vis** at room temperature using green-LED (2 X 9 W bulbs) with [Bis-alkoxyamine]₀ = 0.25 mM (corresponding to Figure 3(B)).



One extra data point measured for Bis-TEMPO-Vis at 25 min to demonstrate tendency towards the plateau. This extra data point measured once, whereas all other points measured in triplicate.

Figure S3. Photograph of the photoreactor.

