Supporting Information

Carbazole derivatives binding to Bcl-2 promoter sequence G-quadruplex

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Contents

Figure S1. Spectrophotometric titration of ligands **1** (A) and **2** (B) (6 μM) with G4 Bcl-2 2F8U (0–26.5 μM) in Tris–HCl buffer (10 mM, pH 7.2) containing 100 mM KCl.

Figure S2. Fluorescence titration spectra of ligands **1** (A) and **2** (B) (2 μM) with G4 Bcl-2 2F8U (0–30 μM) in Tris–HCl buffer (10 mM, pH 7.2) containing 100 mM KCl; λ_{ex}: **1**—501 nm, **2**—494 nm.

Figure S3. Benesi-Hildebrand plots of absorbance (A,C,E) and fluorescence (B,D,F) binding data of ligands **1** (A,B), **2** (C,D), and **3** (E,F) with G4 Bcl-2 2F8U.

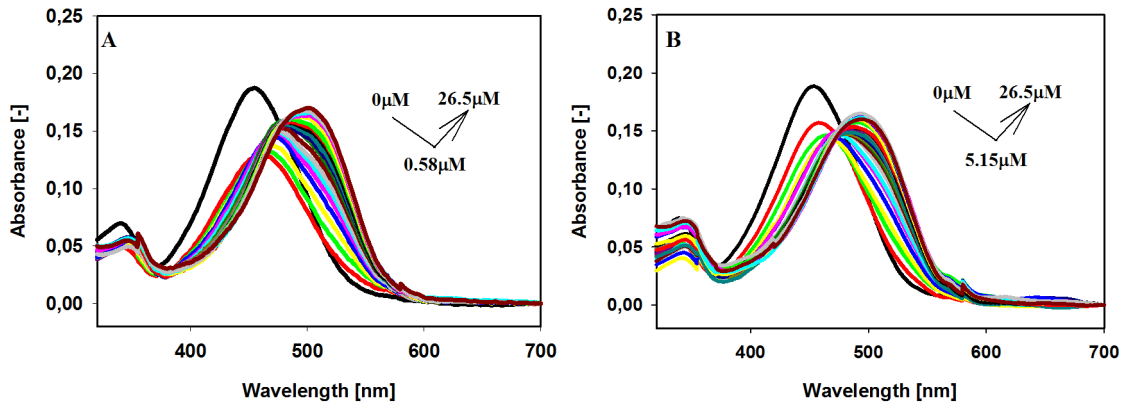


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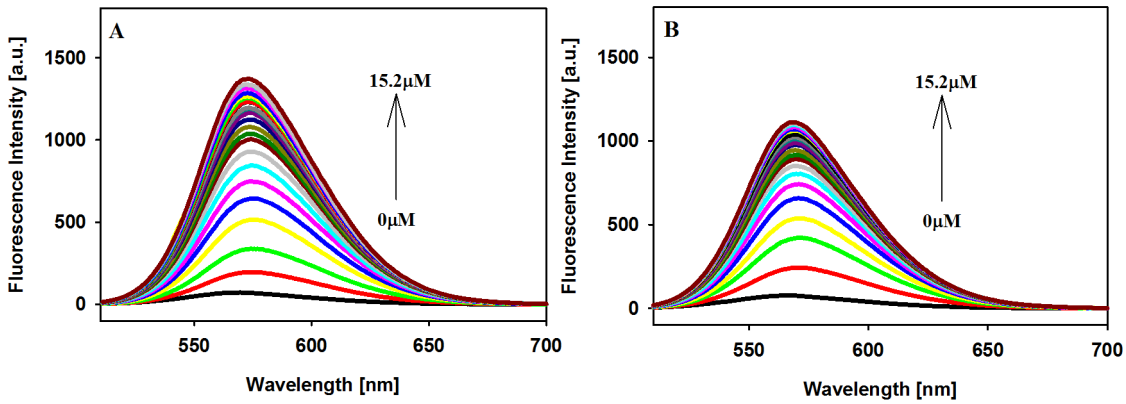


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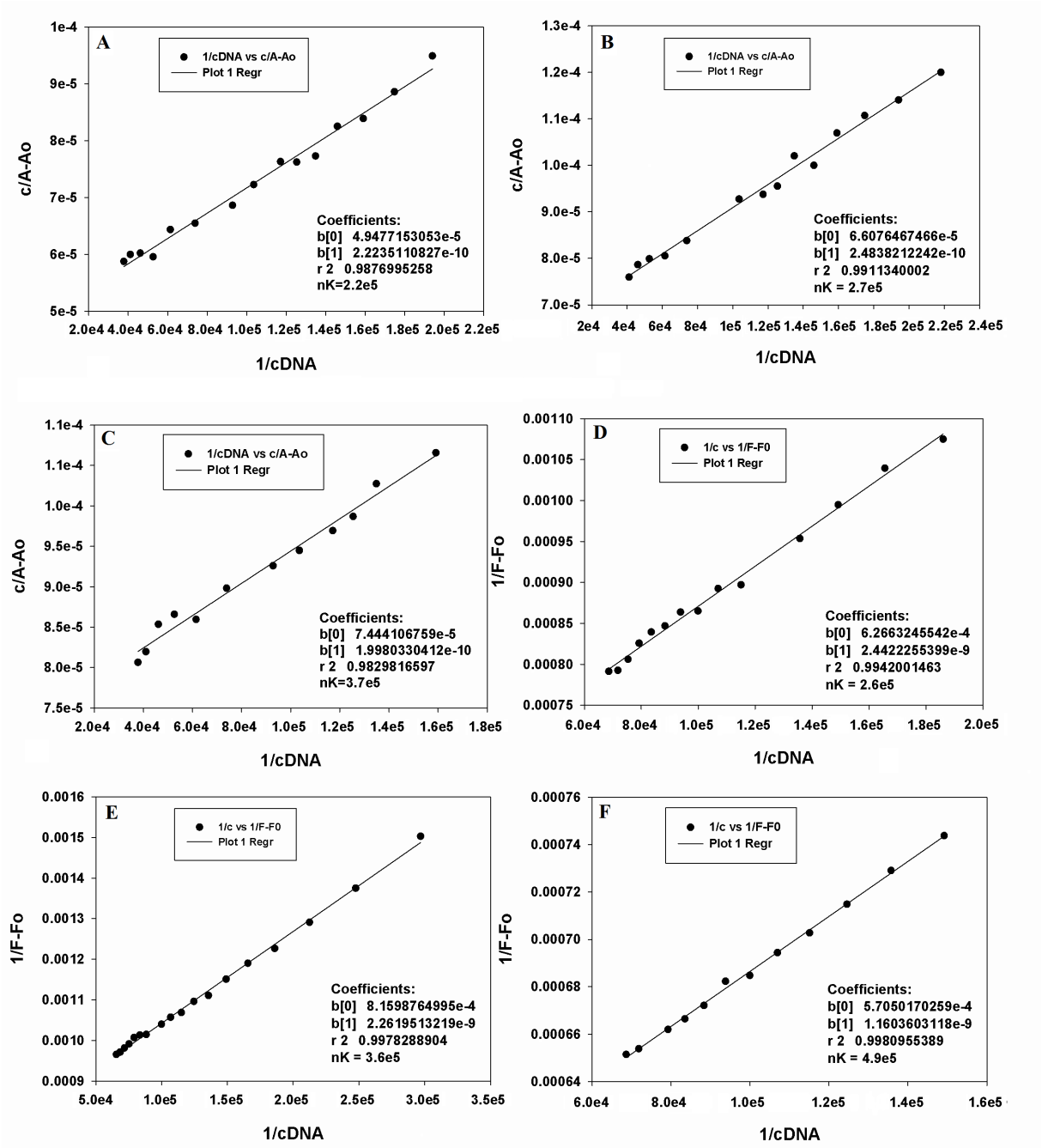


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