Electronic Supplementary Material (ESI) for RSC Advances.

A New Platinum(II) complex for Bioimaging Applications

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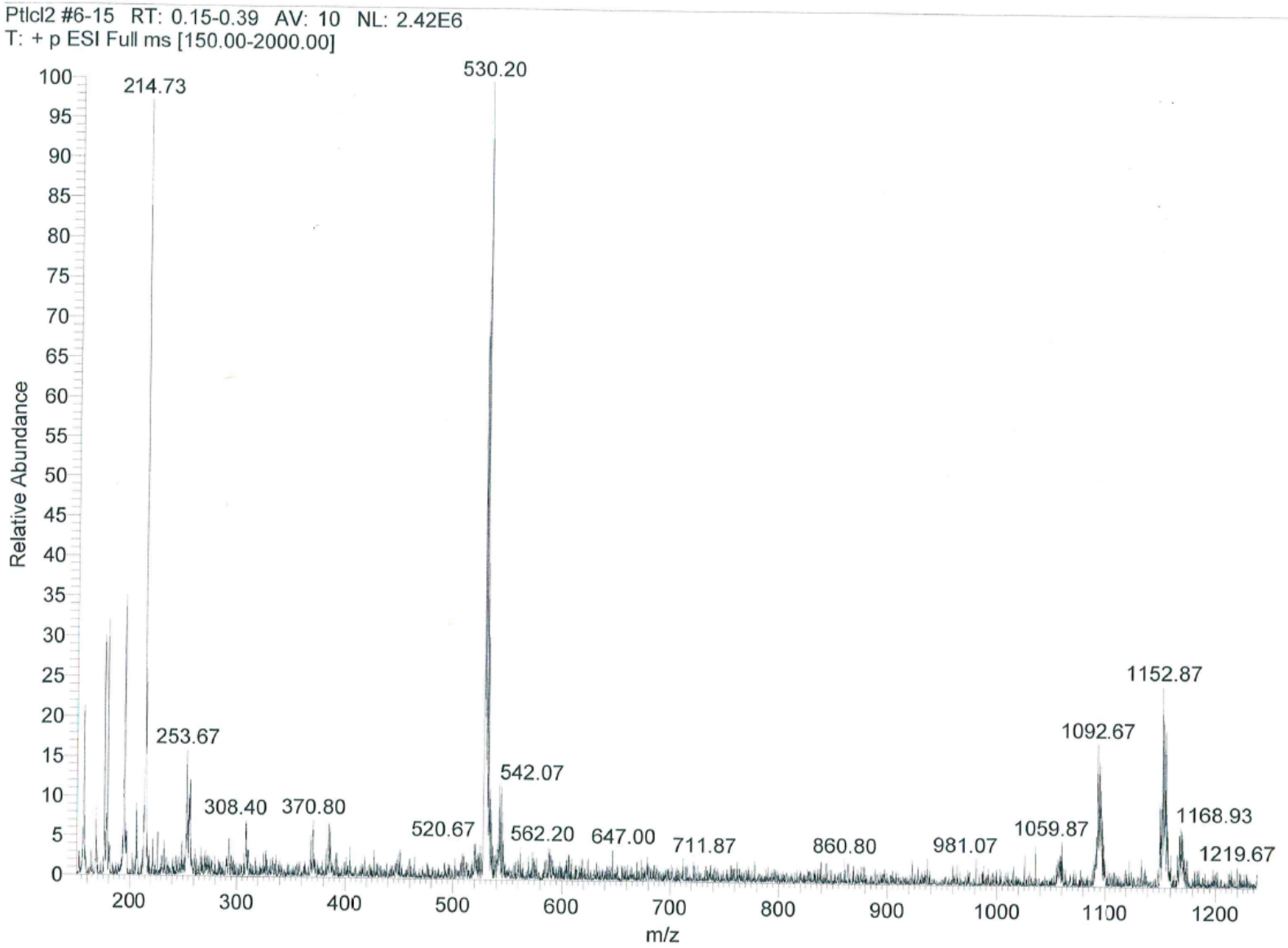

Figure S1. ESI-MS spectrum of complex **1**

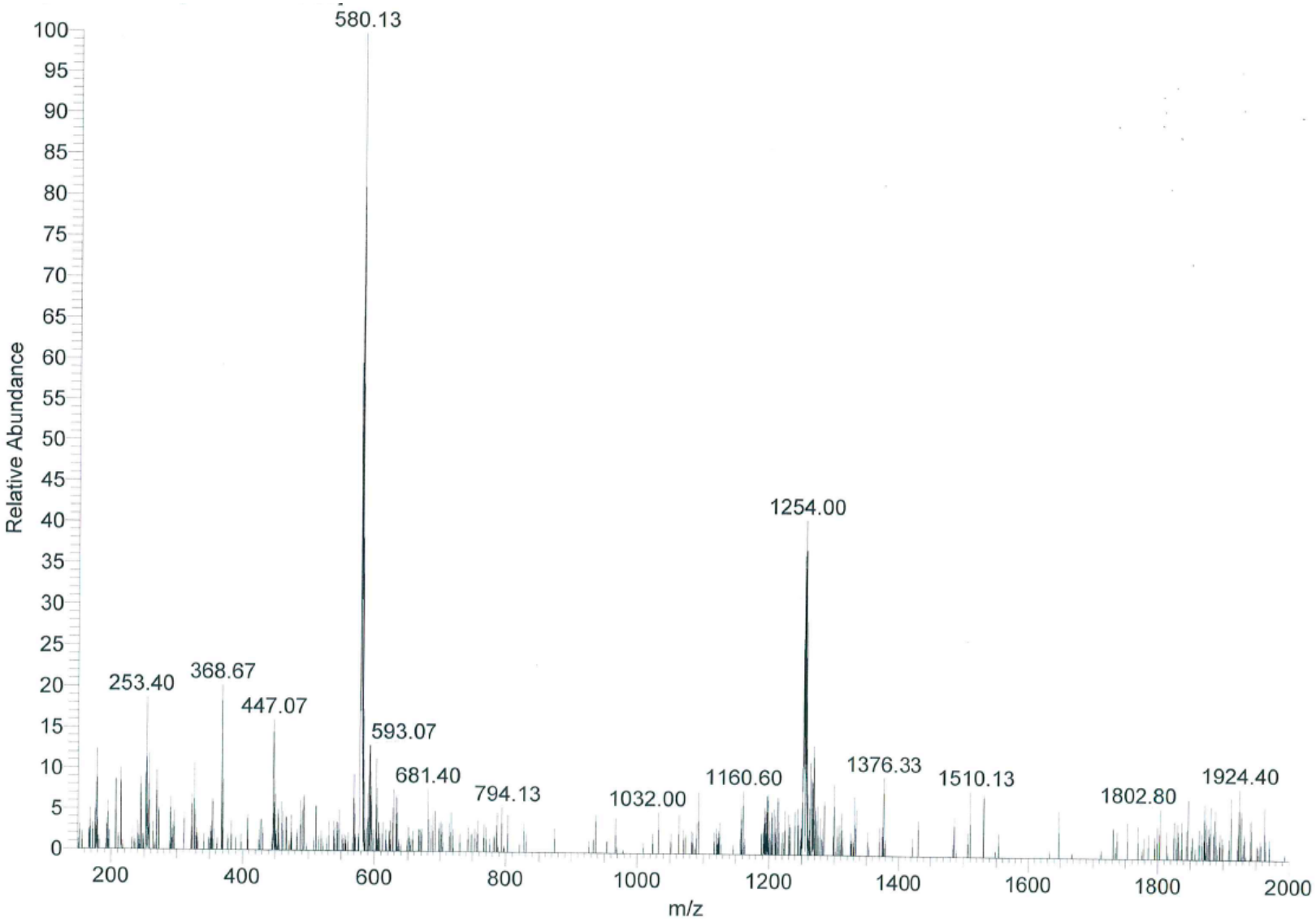

Figure S2. ESI-MS spectrum of complex **2**

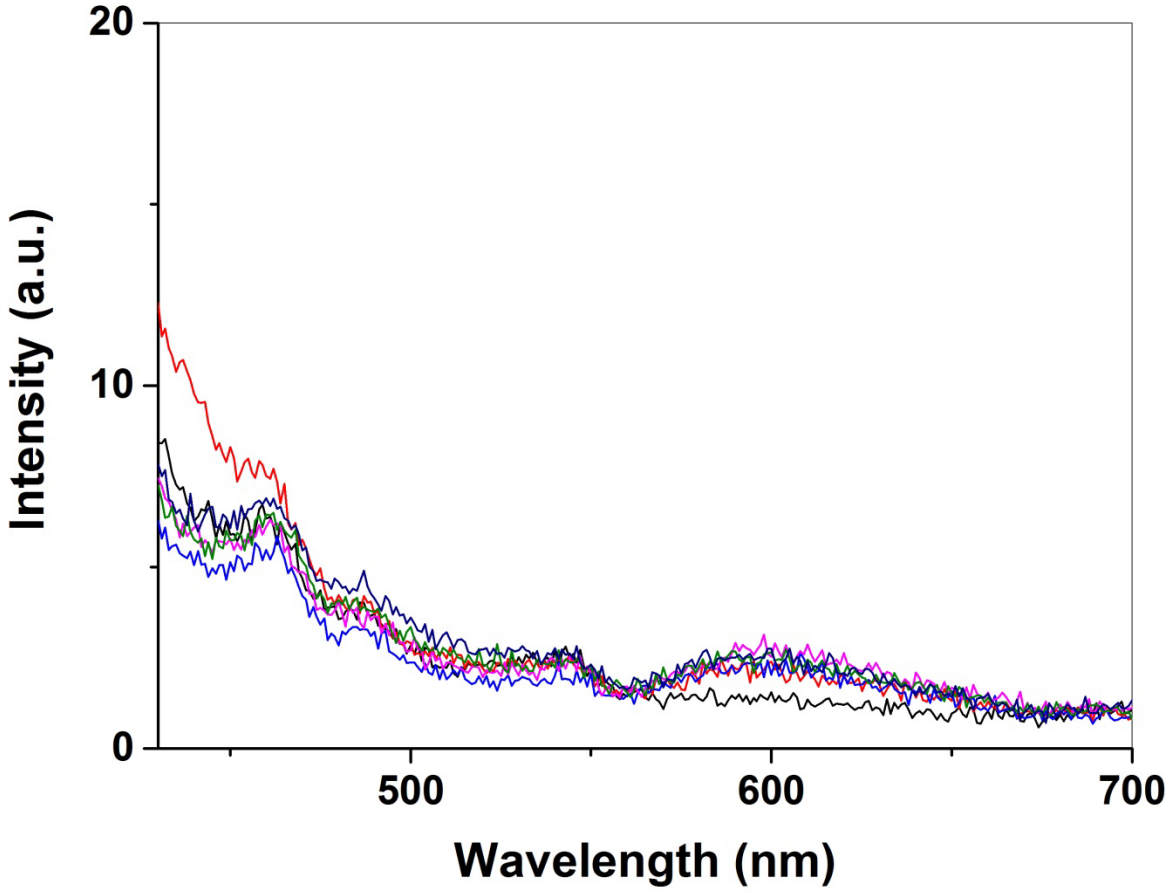

Fig. S3. Luminescence spectra of complex 2 (50 μM) in the absence and presence of CT DNA (0-800 μM) in Tris buffer (10 mM, pH 7.2). λ_{ex}: 400 nm

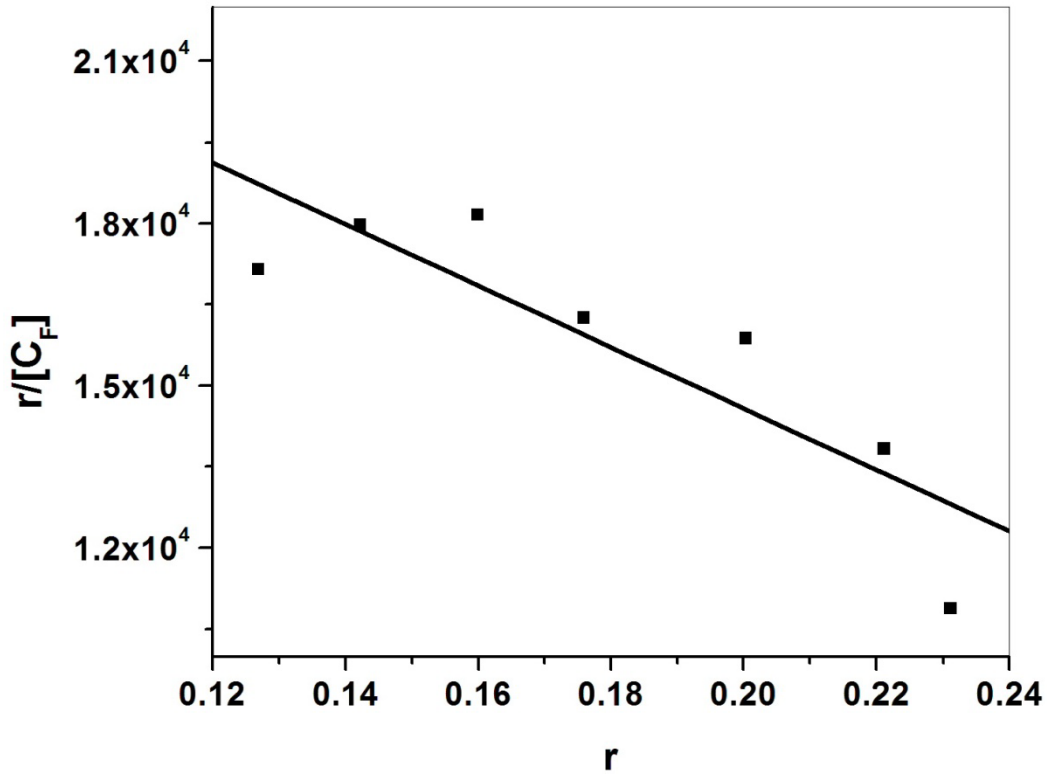

Figure S4. Scatchard plot of complex **1** with DNA

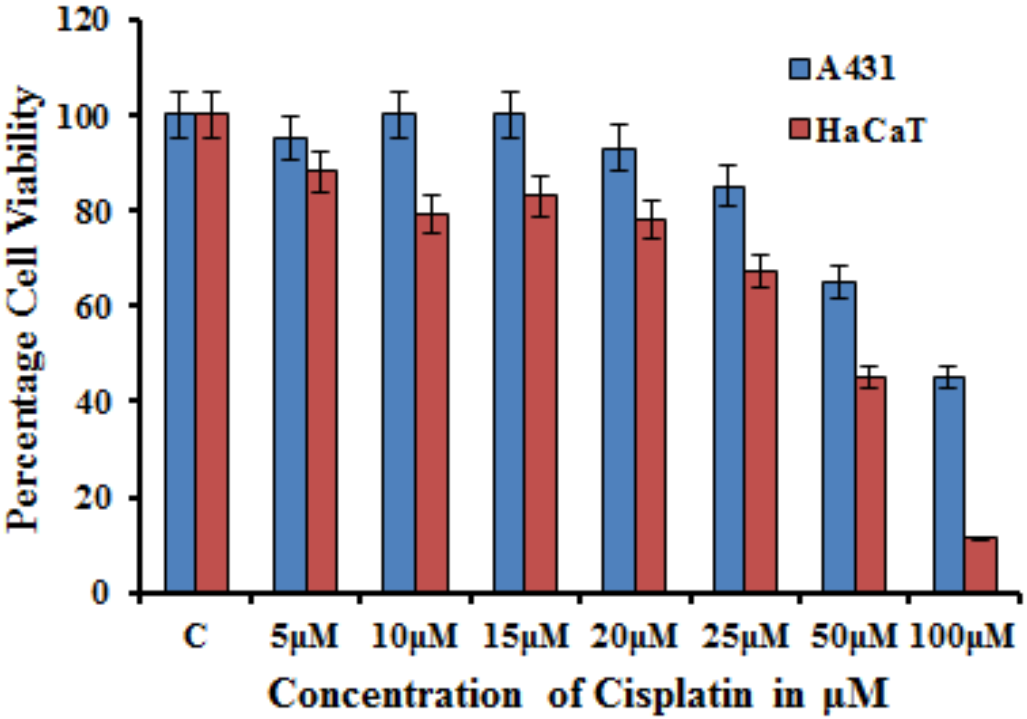

Figure S5. Biocompatibility of cis-platin on HaCaT and A431 cell lines

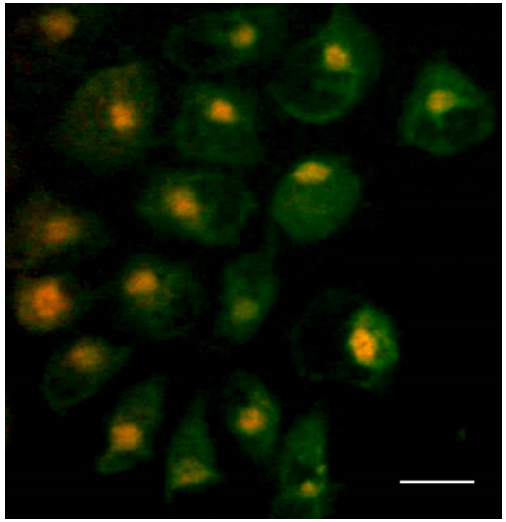

Figure S6. Representative fluorescence image showing the localization of complex **1** in the nucleus

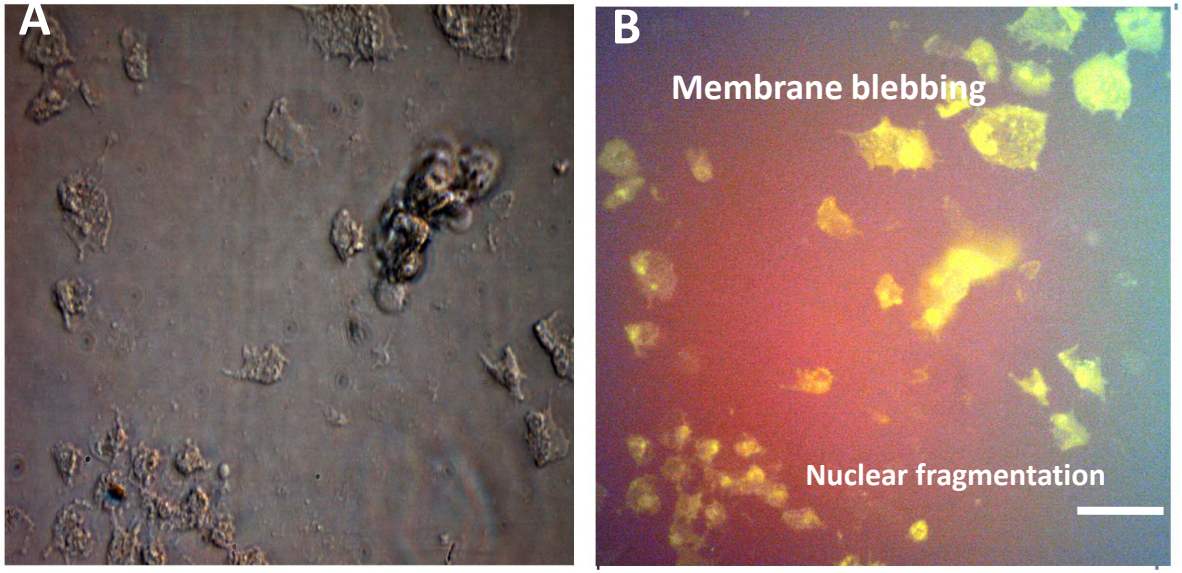

Figure S7. Detection of apoptotic features in HaCaT cells using complex **1** (a) phase contrast and (b) fluorescence image.