

Electronic Supplementary Information

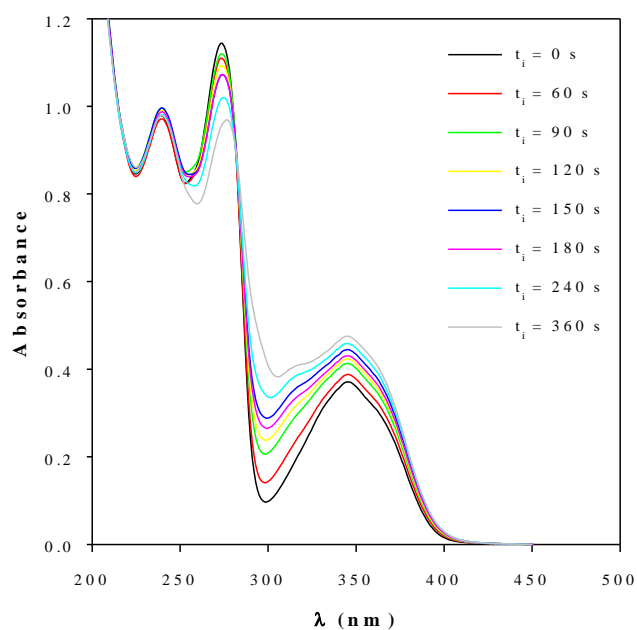


Figure S1.

Evolution of the absorption spectra of air-equilibrated solutions of dGMP ($60 \mu\text{M}$) in the presence of Bip ($140 \mu\text{M}$), as a function of the irradiation time (t_i). pH = 5.7; arrows indicate the changes observed at different wavelengths, optical path length = 4 mm.

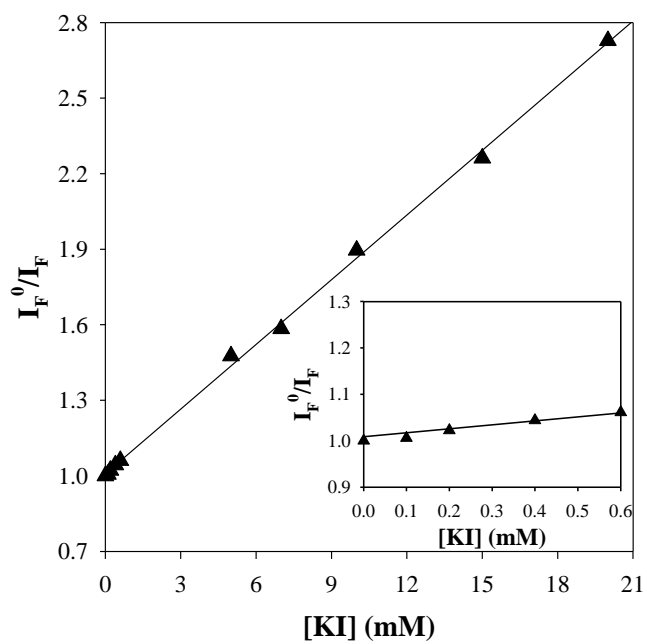


Figure S2.

Quenching of the fluorescence of Fop by I^- . Stern-Volmer plots of the fluorescence intensities (I_F). $\lambda_{exc} = 350$ nm; $[Fop] = 12$ μ M, pH 5.5.

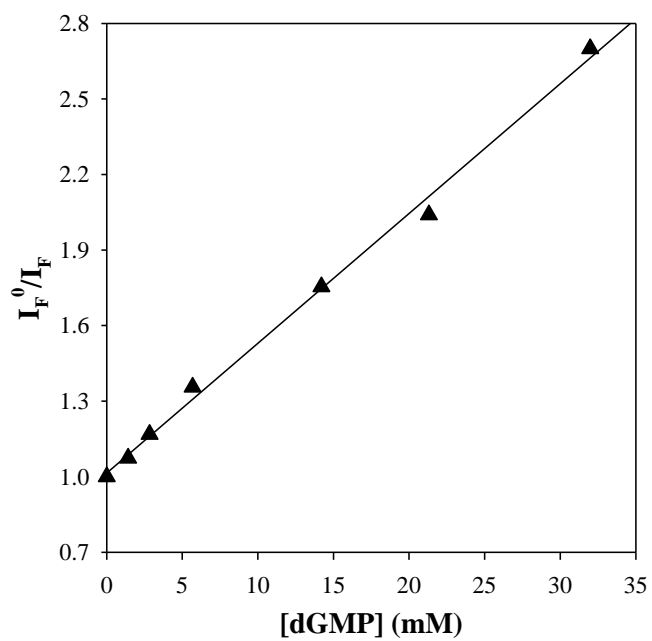


Figure S3.

Quenching of the fluorescence of Bip by dGMP. Stern–Volmer plots of the fluorescence intensities (I_F). $\lambda_{\text{exc}} = 350 \text{ nm}$; $[\text{Bip}] = 16 \text{ }\mu\text{M}$, pH 5.5.