|  |  |  |
| --- | --- | --- |
| **1**RuPhen2pdppz.png | **3**Ruphen2mpdppz2.png | **5**RuPhrn2dtp.png |
| **2**RuTap2pdppz.png | **4**RuTap2mpdppz2.png | **6**Rutap2dtp.png |

**Figure 1:** New polypyridyl derivatives. (**1-2**) **phen** and **tap** ruthenium complexes with pyrazino [2,3-*h*] dipyrido[3,2-*a*: 20,30-*c*] phenazine (**pdppz**). (**3-4**) **phen** and **tap** ruthenium complexes with 3- methylpyrazino [2,3-*h*]dipyrido[3,2-*a*:2’,3’-*c*]phenazine (**mpdppz**) (**5-6**) **phen** and **tap** ruthenium complexes with dipyrido [3,2-*a*:2’,3’-*c*] [1,2,5] thiadiazolo [3,4-4,3] phenazine (**dtp**).



**Figure 2:** The changes in the UV/Vis absorption and emission spectra of compound **3**∙2Cl (9.1 μM) with increasing concentration of st-DNA (0-100 μM) at pH 7.4 (10 mM PBS).



**Figure 3:** Light-induced cell death in HeLa cells. Blue color are the nuclei stained with commercial dye DAPI and red color is the Ruthenium complex



**Figure 4:** Cell viability assay for RPCs **1** to **6** either upon illumination (red stroke) or in darkness (blue stroke).