Supporting Information

Dinuclear copper(I) complexes containing pyridyl-appended diazadiphosphetidines and aminobis(diphosphonite) ligands: synthesis, structural studies and antiproliferative activity towards human cervical, human colon carcinoma and breast cancer cells

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2. **Figure S2-S12.** $^{31}$P{¹H} NMR spectra of compounds 1-12
Figure S1. Compound 12 mediated apoptosis through p53 and p21 mediated pathway. There is prominent nuclear translocation of p53 and its downstream protein p21.

Figure S2. $^{31}$P($^1$H) NMR spectrum of 1
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Figure S4. $^{31}$P-$^1$H NMR spectrum of 3
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Figure S10. $^{31}$P{$^1$H} NMR spectrum of 10
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**Figure S12.** $^{31}$P{$^1$H} NMR spectrum of 12