**Response to the reviewer comments (27.09.2019)**

Reviewer A:

Does the manuscript contain enough significant original material?:
        yes

Is the manuscript clearly and concisely written?:
        yes

Are the conclusions adequately supported by the data?:
        yes

Does the manuscript give appropriate credit to related recent publications?:

        yes

Are the references appropriate and free of important omissions?:
        yes

Is the length of the manuscript appropriate?:
        yes

Does the manuscript need condensation or extension?:
        no

Is the quality of the figures (including legends and axes labelling)
satisfactory?:
        yes

Are the nomenclature and units in accordance with SI?:
        yes

Are the English grammar and syntax satisfactory?:
        yes

ADDITIONAL COMMENTS
Please indicate the page numbers for suggested corrections.
Please, be as specific as possible if major correction by the author(s) is
recommended! :
        In my opinion, the revised manuscript entitled: “Binuclear copper(II)
complexes: synthesis, structural characterization, DNA binding and in silico
studies” by M. Igbal et al. could be suitable for publication in the
Journal of the Serbian Chemical Society after minor revision:
The experimental procedure of complexes stability examination should be
written in the Experimental part of the manuscript (with the data of the
concentrations of complexes used in the experiment).

**The experimental procedure of complexes stability examination and their concentration are written in the Experimental part of the manuscript; these changes are highlighted and given on page number 9.**

REPORT:
        In my opinion, the revised manuscript entitled: “Binuclear copper(II)
complexes: synthesis, structural characterization, DNA binding and in silico
studies” by M. Igbal et al. could be suitable for publication in the
Journal of the Serbian Chemical Society after minor revision:
The experimental procedure of complexes stability examination should be
written in the Experimental part of the manuscript (with the data of the
concentrations of complexes used in the experiment).

**The experimental procedure of complexes stability examination and their concentration are written in the Experimental part of the manuscript; these changes are highlighted and given on page number 9.**

In my opinion, this manuscript should:
        be published after minor revision without additional review

If manuscript is suitable for publishing, referees recommendation :
        Original scientific paper

------------------------------------------------------

------------------------------------------------------
Reviewer B:

Does the manuscript contain enough significant original material?:
        yes

Is the manuscript clearly and concisely written?:
        yes

Are the conclusions adequately supported by the data?:
        yes

Does the manuscript give appropriate credit to related recent publications?:

        yes

Are the references appropriate and free of important omissions?:
        yes

Is the length of the manuscript appropriate?:
        yes

Does the manuscript need condensation or extension?:
        no

Is the quality of the figures (including legends and axes labelling)
satisfactory?:
        yes

Are the nomenclature and units in accordance with SI?:
        yes

Are the English grammar and syntax satisfactory?:
        yes

ADDITIONAL COMMENTS
Please indicate the page numbers for suggested corrections.
Please, be as specific as possible if major correction by the author(s) is
recommended! :
        /

REPORT:
        Crystal structures should be deposited at the Cambridge Crystallographic
Data Centre (CCDC) and the CCDC Deposition Number should be cited in the
manuscript.

**The data of both crystals has been deposited with CCDC; these are highlighted in the revised manuscript and are given on page number 3.**

Following corrections should be considered:

Page 2
Bromophenyl acetate is the derivatives
to replace with
Bromophenyl acetate is the derivative

Page 2
The dinuclear copper(II) complexes containing planar aromatic heterocyclic
ligands shows pronounced
to replace with
The dinuclear copper(II) complexes containing planar aromatic heterocyclic
ligands show pronounced

Page 2
The mononuclearcopper(II) complexes with phenanthroline ligand although
shows DNA binding
to replace with
The mononuclearcopper(II) complexes with phenanthroline ligand also show DNA
binding

Page 2
The phenanthroline ligand due to presence of aromatic ring in their chemical
structure and hydrophobic nature enhance the DNA binding affinities of their
complexes.
to replace with
The phenanthroline ligand, due to presence of aromatic ring in their
chemical structure and hydrophobic nature, enhances the DNA binding
affinities of the complexes.

Page 2
oxford diffraction
to replace with
Oxford diffraction

Page 2
The approach of molecular docking is used
to replace with
The molecular docking is used
Page 4
The ∆v value for complex 1 calculated was 243 which show
to replace with
The ∆v value for complex 1 was 243 cm-1 which shows

**The above mentioned changes are made in the revised manuscript, highlighted and given on the prescribed pages.**

In my opinion, this manuscript should:
        be published after minor revision without additional review

If manuscript is suitable for publishing, referees recommendation :
        Original scientific paper