## Novel edaravone-based azo dyes: Efficient synthesis, characterization,

## antibacterial activity, DFT calculations and comprehensive investigation of

## the solvent effect on the absorption spectra

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<sup>1</sup>H NMR, and <sup>13</sup>C NMR spectra of Novel edaravone-based azo dyes D1-D10



Fig <sup>1</sup>H NMR of D1



Fig <sup>13</sup>C NMR of D1.



Fig<sup>1</sup>H NMR of D2



Fig <sup>13</sup>C NMR of D2.



Fig <sup>1</sup>H NMR of D3.



Fig <sup>13</sup>C NMR of D3.



Fig <sup>1</sup>H NMR of D4.



Fig <sup>13</sup>C NMR of D4.



Fig <sup>1</sup>H NMR of D5



Fig <sup>13</sup>C NMR of D5.



Fig<sup>1</sup>H NMR of D6



Fig <sup>13</sup>C NMR of D6.



Fig <sup>1</sup>H NMR of D7.



Fig <sup>13</sup>C NMR of D7.



Fig <sup>1</sup>H NMR of D8.



Fig <sup>13</sup>C NMR of D8.



Fig <sup>1</sup>H NMR of D9.



Fig <sup>13</sup>C NMR of D9.



Fig <sup>1</sup>H NMR of D10



Fig <sup>13</sup>C NMR of D10.