Multi-Acting Mitochondria-Targeted Platinum(IV) Prodrugs of Kiteplatin with α -Lipoic acid in the Axial Positions

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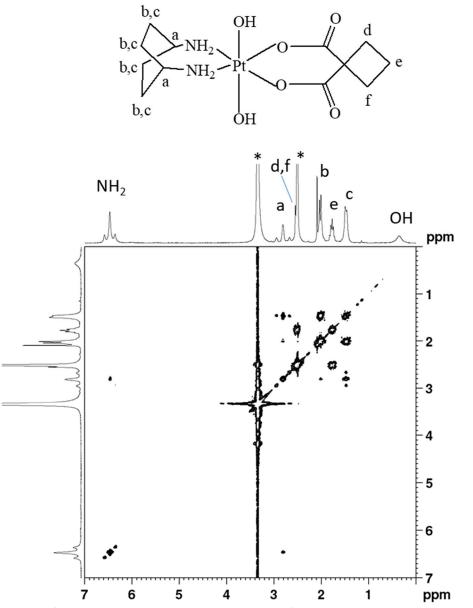


Figure S1. Selected region of the 2D COSY (700 MHz) spectrum obtained for *cis,trans,cis*-[Pt(CBDCA)(OH)₂(*cis*-1,4-DACH)] (1) in DMSO-d₆. The asterisks indicate the residual solvent peak.

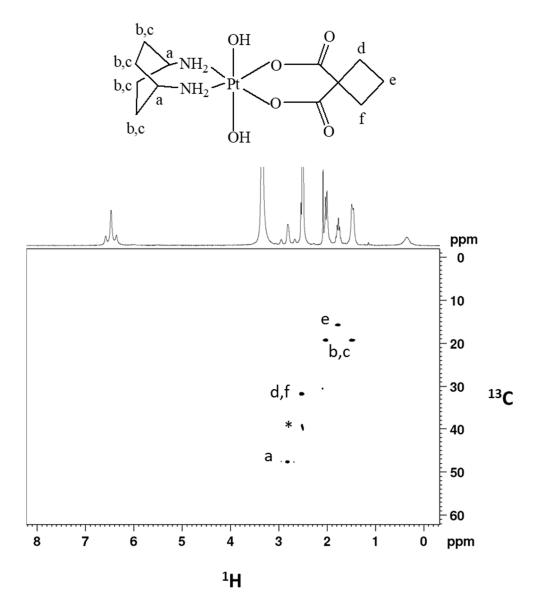


Figure S2. [¹H, ¹³C] HSQC (¹H 700 MHz) of *cis,trans,cis*-[Pt(CBDCA)(OH)₂(*cis*-1,4-DACH)] (**1**) in DMSO-d₆. The asterisk indicates the residual solvent peak.

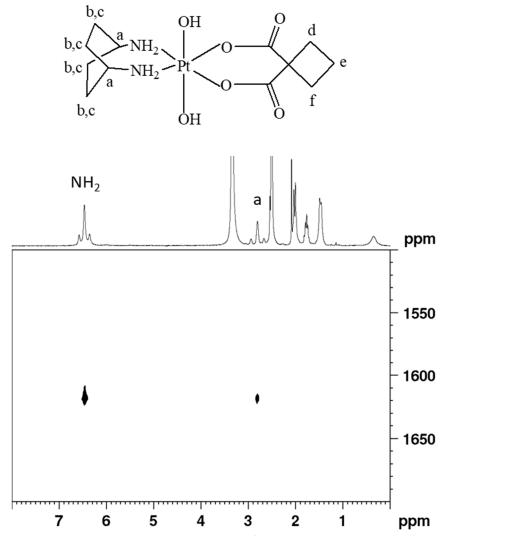


Figure S3. [¹H-¹⁹⁵Pt]-HSQC 2D spectrum (¹H 300 MHz) obtained for *cis,trans,cis*-[Pt(CBDCA)(OH)₂(*cis*-1,4-DACH)] (1) in DMSO-d₆.

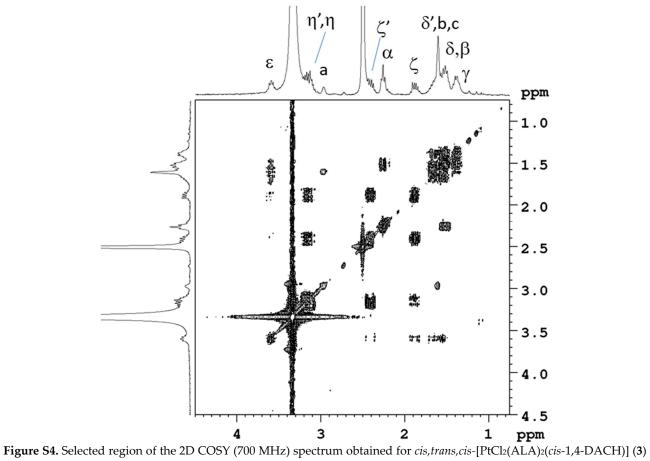


Figure S4. Selected region of the 2D COSY (700 MHz) spectrum obtained for *cis,trans,cis*-[PtCl₂(ALA)₂(*cis*-1,4-DACH)] (**3**) in DMSO-d₆. Numbering of protons is reported in Scheme 3.

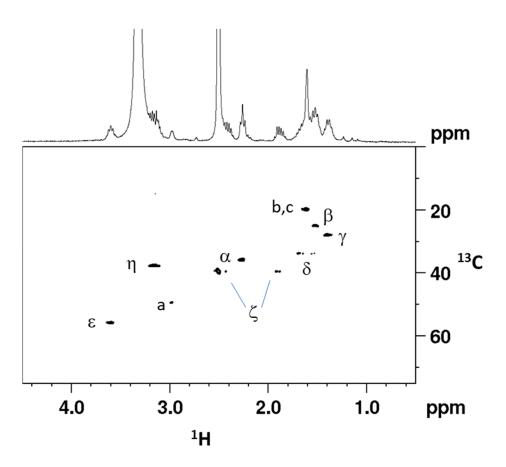


Figure S5. [¹H, ¹³C] HSQC (¹H 700 MHz) of *cis,trans,cis*-[PtCl₂(ALA)₂(*cis*-1,4-DACH)] (**3**) in DMSO-d₆. Numbering of protons is reported in Scheme 3.

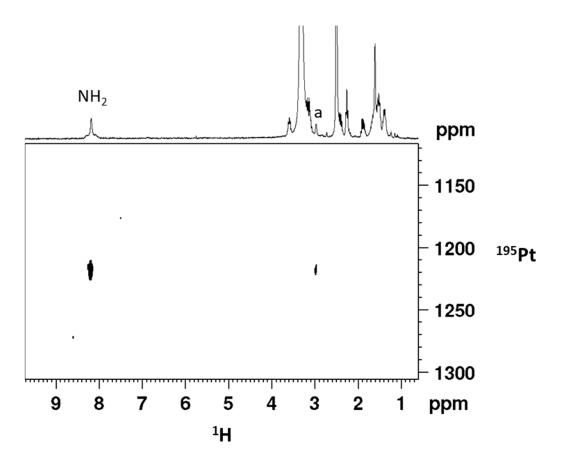


Figure S6. [¹H-¹⁹⁵Pt]-HSQC 2D spectrum (¹H 300 MHz) obtained for *cis,trans,cis*-[PtCl₂(ALA)₂(*cis*-1,4-DACH)] (**3**) in DMSOd₆. Numbering of protons is reported in Scheme 3.