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Title:	Rare observation of 'aggregation induced emission' in cyclometalated platinum(ii) complexes and their biological activities
Authors:	Kaur, Gurpreet (/jspui/browse?type=author&value=Kaur%2C+Gurpreet) Choudhury, A.R. (/jspui/browse?type=author&value=Choudhury%2C+A.R.)
Keywords:	Platinum complexes Aggregation-induced emissions Cyclometalated Cytotoxicity
Issue Date:	2014
Publisher:	Royal Society of Chemistry
Citation:	RSC Advances, 4(92), pp.50549-50553.
Abstract:	Three strong solid state emissive cyclometalated platinum(ii) complexes [Pt(C [^] N) (CH [^] N) (Cl)] (1) (C [^] N/CH [^] N = 2-phenylpyridine, C [^] N = bidentate and CH [^] N = monodentate), [Pt(C [^] N) (P [^] P)]Cl [P [^] P = bis(diphenylphosphino)ethane (2) and cis-1,2-bis(diphenylphosphino)ethene (3)] were reported. These were identified as 'Aggregation Induced Emission (AIE)' active complexes based on controlled experiments. Cytotoxicity and cell imaging have been studied for the complex 2.
Description:	Only IISERM authors are available in the record.
URI:	https://pubs.rsc.org/en/content/articlelanding/2014/RA/C4RA06623E#divAbstract (https://pubs.rsc.org/en/content/articlelanding/2014/RA/C4RA06623E#divAbstract) http://hdl.handle.net/123456789/3117 (http://hdl.handle.net/123456789/3117)
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