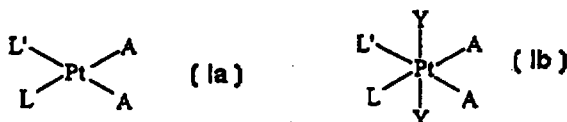




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(54) Title: PROCESS FOR PREPARING AMINE PLATINUM COMPLEXES



(57) Abstract

The present invention relates to the area of platinum drugs. In particular, it relates to an improved process for preparing platinum complexes having general formula (1a) or (1b), comprising: 1a) a first step, wherein $[\text{PtA}_4]^{2-}$ is reacted with L under appropriate conditions in a first solvent to form $[\text{PtA}_3(\text{L})]^-$; 1b) a second step, wherein $[\text{PtA}_3(\text{L})]^-$ is reacted with L' under appropriate conditions in a second solvent to form $\text{cis}-[\text{PtA}_2(\text{L}')(\text{L})]$; 1c) in the case where Y is halogen or hydroxy a third step, wherein $\text{cis}-[\text{PtA}_2(\text{L}')(\text{L})]$ is reacted with H_2O_2 , Y_2 or halogen containing oxidant to form $\text{c,t,c}-[\text{PtA}_2\text{Y}_2(\text{L}')(\text{L})]$; in the case where Y is carboxylate, carbamate or carbonate ester a fourth step, wherein an intermediate, where Y is hydroxy formed in step 1c), is functionalized with an appropriate acylating agent; and 1d) in the case where A is not a halide or is different from the original halide, additional step(s) in which the original halide A of an intermediate formed in step 1a or 1b, 1c or 1d is converted to a different halide or a new leaving group(s) A such as mono-dentate hydroxy, alkoxy, carboxylate or bi-dentate carboxylate, phosphonocarboxylate, diphosphonate, or sulphate; wherein L, L' and Y have the meaning as defined in the description.