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Original Articles

An anticancer metallobenzylmalonate: crystal structure and anticancer activity of a palladium complex of 2,2'-bipyridine and benzylmalonate

Enjun Gao , Yaguang sun, Qitao Liu & Liying Duan

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molecular fragments under the action of the complex. The complex shows excellent anti-cancer activity towards lung cancer AGZY-83a.

Keywords:

- Palladium
- Bipyridyl
- Benzylmalonate
- Crystal structure
- DNA binding
- Electrophoresis
- Anti-cancer activity

Related Research Data

CCDC 252835: Experimental Crystal Structure Determination

Source: The Cambridge Structural Database

Hydrolysis of natural and artificial phosphoesters using zinc model compound with a histidine-containing pseudopeptide

Source: Journal of Inorganic Biochemistry

Metal driven self-assembly of pyridine appended ligands with cis-protected/naked Pd(ii) ion: a comparative study

Source: Dalton Transactions

Conformation of platinum-trinucleotide adduct Pt(dien)[d(ApGpA)-N7(2)] in the solid state

Source: Journal of Inorganic Biochemistry

The effect of a novel platinum(II) complex on rat liver cancer cells

Source: Journal of Inorganic Biochemistry

New platinum(II) complex with a bipyridine ligand and a histidine-containing pseudopeptide

Source: Journal of Inorganic Biochemistry

Spectroscopic and electrochemical studies of a new platinum(II) complex with a bipyridine ligand and a histidine-containing pseudopeptide

Source: Journal of Inorganic Biochemistry

Relationship between the structure and the cytotoxicity of platinum(II) complexes with a bipyridine ligand and a histidine-containing pseudopeptide

Source: Journal of Inorganic Biochemistry

X-ray crystallographic study of a new platinum(II) complex with a bipyridine ligand and a histidine-containing pseudopeptide

tyrosinato)palladium(II)


Source: Inorganica Chimica Acta

Asymmetrical complexes $[\text{Pt}(\text{N,N-dmen})(\text{dGuo})\text{L}](2)^+$ ($\text{N,N-dmen}=\text{N,N-dimethylethylenediamine}$; $\text{L}=\text{H}_2\text{O}$, Cl^- , dGuo): H8 nuclei experience an orientation-dependent deshielding effect attributable to the paramagnetic anisotropy of the platinum atom

Source: Inorganica Chimica Acta


Pyrazolato-Bridged Polynuclear Palladium and Platinum Complexes. Synthesis, Structure, and Reactivity

Source: Inorganic Chemistry

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