

Title (en)

ARENE RUTHENIUM (II) COMPOUNDS AND THEIR USE IN CANCER THERAPY

Title (de)

AREN-RUTHENIUM (II)-VERBINDUNGEN UND IHRE VERWENDUNG IN DER KREBSTHERAPIE

Title (fr)

COMPOSES ARENE-RUTHENIUM (II) ET LEUR UTILISATION DANS LA THERAPIE DU CANCER.

Publication

EP 1786412 A1 20070523 (EN)

Application

EP 05771813 A 20050819

Priority

- GB 2005003242 W 20050819
- GB 0418643 A 20040820

Abstract (en)

[origin: WO2006018649A1] A ruthenium (II) compound of formula (I): or a solvate or prodrug thereof, wherein: R¹, R², R³, R⁴, R⁵ and R⁶ are independently selected from H, C₁₋₇ alkyl, C₅₋₂₀ aryl, C₃₋₂₀ heterocyclyl, halo, ester, amido, acyl, sulfo, sulfonamido, ether, thioether, azo, amino, or R¹ and R² together with the ring to which they are attached form a saturated or unsaturated carbocyclic or heterocyclic group containing up to three 3- to 8- membered carbocyclic or heterocyclic rings, wherein each carbocyclic or heterocyclic ring may be fused to one or more other carbocyclic or heterocyclic rings; X is a neutral or negatively charged N- or S- donor ligand; Y is a counterion; m is 0 or 1; q is 1, 2 or 3; C' is C₁₋₁₂ alkylene bound to two A groups; p is 0 or 1 and r is 1 when p is 0 and r is 2 when p is 1; and A and B are each independently O-donor, N-donor or S-donor ligands, and may be connected to one another. The compounds are used in cancer therapy.

IPC 8 full level

A61K 31/28 (2006.01); **A61P 35/00** (2006.01); **C07F 15/00** (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2006018649A1

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