

Title (en)
CLINICAL METHODS AND PHARMACEUTICAL COMPOSITIONS EMPLOYING AMPA RECEPTOR ANTAGONISTS TO TREAT GLIOBLASTOMA AND OTHER CANCERS

Title (de)
KLINISCHE VERFAHREN UND PHARMAZEUTISCHE ZUSAMMENSETZUNGEN MIT AMPA-REZEPTOR-ANTAGONISTEN ZUR BEHANDLUNG VON GLIOBLASTOM UND ANDEREN KARZINOMEN

Title (fr)
MÉTHODES CLINIQUES ET COMPOSITIONS PHARMACEUTIQUES UTILISANT DES ANTAGONISTES DES RÉCEPTEURS AMPA POUR TRAITER UN GLIOBLASTOME ET D'AUTRES CANCERS

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Abstract (en)
[origin: WO2020023800A1] Disclosed herein are compositions and methods employing AMPA Receptor (AMPR) antagonist compounds to treat AMPAR positive cancers in mammalian subjects. In certain detailed embodiments the AMPAR antagonist is a Perampanel compound, effective to mediate potent oncolytic effects to prevent or reduce the severity or recurrence of a variety of cancer forms, including central nervous system (CNS) cancers.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)

- [X] CN 104644592 A 20150527 - TIANJIN HANKANG PHARMACEUTICAL BIOTECHNOLOGY CO LTD
- [X] WO 2016172333 A1 20161027 - TEVA PHARMACEUTICALS INT GMBH [CH], et al
- [XI] IZUMOTO SHUICHI ET AL: "Seizures and Tumor Progression in Glioma Patients with Uncontrollable Epilepsy Treated with Perampanel", ANTICANCER RESEARCH, vol. 38, no. 7, 1 July 2018 (2018-07-01), GR, pages 4361 - 4366, XP055904927, ISSN: 0250-7005, Retrieved from the Internet <URL:https://ar.iiarjournals.org/content/anticancer/38/7/4361.full.pdf> DOI: 10.21873/anticancer.12737
- See references of WO 2020023800A1

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