

Title (en)

HIGH PENETRATION COMPOSITIONS OR PRODRUGS OF ANTIMICROBIALS AND ANTIMICROBIAL-RELATED COMPOUNDS

Title (de)

ZUSAMMENSETZUNG MIT STARKER PENETRATION ODER PRODRUGS AUS ANTIMIKROBIEN UND VERBINDUNGEN BEZÜGLICH ANTIMIKROBIEN

Title (fr)

COMPOSITIONS À PÉNÉTRATION ÉLEVÉE OU PROMÉDICAMENTS DE COMPOSÉS ANTIMICROBIENS ET COMPOSÉS APPARENTÉS À DES ANTIMICROBIENS

Publication

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Application

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Abstract (en)

[origin: WO2010142241A1] High penetration compositions (HPCs) or prodrugs (HPPs) of antimicrobials and antimicrobial-related compounds are provided. The HPCs/HPPs are capable of being converted to parent drugs or drug metabolites after crossing the biological barrier and thus can render treatments. Additionally, the HPCs/HPPs are capable of reaching areas that their parent drugs may not be able to access and rendering a sufficient concentration at the target areas and therefore render novel treatments.

IPC 8 full level

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CPC (source: CN EP KR)

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C07D 505/18 (2013.01 - CN); **C07D 505/20** (2013.01 - CN); **C07F 9/32** (2013.01 - CN); **C07F 9/40** (2013.01 - CN)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2010142241A1

Citation (examination)

- US 2694031 A 19541109 - KNUD FREDERIKSEN ERLING, et al
- US 4081546 A 19780328 - FERRES HARRY

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CA 2764376 C 20210504; CN 105566213 A 20160511; CN 105566213 B 20191112; EP 2440523 A1 20120418; EP 2440523 A4 20140319;
HK 1178537 A1 20140509; HK 1219275 A1 20170331; JP 2012529443 A 20121122; JP 2015163640 A 20150910; JP 2018048197 A 20180329;
JP 5916129 B2 20160511; JP 6256924 B2 20180110; JP 6707512 B2 20200610; KR 102102972 B1 20200422; KR 20120034721 A 20120412;
KR 20170137958 A 20171213; MX 2011013314 A 20120920; MX 338552 B 20160420; MX 366035 B 20190625; RU 2016115906 A 20181128;
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JP 2015112700 A 20150602; JP 2017228121 A 20171128; KR 20127000567 A 20100610; KR 20177035075 A 20100610;
MX 2011013314 A 20100610; MX 2015003152 A 20100610; RU 2011152319 A 20100610; RU 2016115906 A 20100610