

Title (en)

METHOD OF TREATMENT AND DEVICE FOR THE IMPROVED BIOAVAILABILITY OF LEUKOTRIENE RECEPTOR ANTAGONISTS

Title (de)

BEHANDLUNGSVERFAHREN UND VORRICHTUNG ZUR VERBESSERTEN BIOVERFÜGBARKEIT VON
LEUKOTRIENREZEPTORANTAGONISTEN

Title (fr)

MÉTHODE DE TRAITEMENT ET DISPOSITIF POUR LA BIODISPONIBILITÉ AMÉLIORÉE D'ANTAGONISTES DES RÉCEPTEURS DES
LEUCOTRIÈNES

Publication

EP 3600265 A1 20200205 (EN)

Application

EP 18774366 A 20180329

Priority

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- CA 2018050389 W 20180329

Abstract (en)

[origin: WO2018176149A1] Disclosed is a method of administration and device for the improved bioavailability of leukotriene receptor antagonists. This method and device involve an alkaline surface pH oral film dosage form designed to deliver leukotriene receptor antagonists, such as Montelukast, to the stomach in an amorphous precipitate suspended in aqueous medium. Also disclosed is a device and method for treating a disease, such as a neurodegenerative disease or condition associated with neuroinflammation induced by a leukotriene. The device is a film unit dosage form having an alkaline surface pH film layer and a safe and effective amount of Montelukast. The device is configured and formulated to predominantly achieve enteral delivery of the Montelukast. The method includes enterally delivering to a human or an animal in need of treatment, a safe and effective amount of Montelukast capable of crossing the blood-brain barrier.

IPC 8 full level

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Citation (search report)

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