Title (en)

BILE ACID CONTAINING PRODRUGS WITH ENHANCED BIOAVAILABILITY

Title (de)

GALLENSÄURE ENTHALTEND PROPHARMAKA MIT ERHÖHTER BIOAVIBILITÄT

Title (fr)

PROMEDICAMENTS CONTENANT UN ACIDE BILIAIRE ET PRESENTANT UNE MEILLEURE BIODISPONIBILITE

Publication

EP 1267898 A4 20060201 (EN)

Application

EP 01926709 A 20010406

Priority

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Abstract (en)

[origin: WO0176531A2] Many compounds have poor bioavailability or variable bioavailability because of poor absorption of the compound in the small intestine. Conjugation of the compound with bile acid to form a prodrug will increase the bioavailibility of the compound and/or reduce the bioavailability variability of the compound because of the active transport of the prodrug by the intestinal bile acid transporter and because of increased lipophilic nature of the prodrug. A linker group can be used between the bile acid and the compound. One example of a bile acid containing prodrug is acyclovir valylchenodeoxycholate, where valine is the linker group. Another example of this prodrug is atenolol cholic acid amide.

IPC 1-7

A61K 35/50; A61K 39/40; A61K 39/42; A61K 39/44; A61K 39/395; C07J 43/00; C07J 9/00; C07J 41/00; A61P 31/12

IPC 8 full level

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IPC 8 main group level

A61K (2006.01)

CPC (source: EP)

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Citation (search report)

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