Title (en)

POLYMER PRODRUGS AND SUBCUTANEOUS AND/OR INTRAMUSCULAR ADMINISTRATION THEREOF

Title (de)

POLYMER-PRODRUGS UND SUBKUTANE UND / ODER INTRAMUSKULÄRE VERABREICHUNG DAVON

Title (fr)

PRODROGUES POLYMÈRES ET LEUR ADMINISTRATION SOUS-CUTANEE ET/OU INTRAMUSCULAIRE

Publication

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Application

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Abstract (en)

[origin: WO2019097025A1] The invention relates to novel prodrugs of active molecules. These prodrugs enable in particular the subcutaneous or intramuscular administration of active molecules of which the subcutaneous or intramuscular administration is problematic or impossible, in particular because of the toxicity at the injection site. The prodrugs of the invention comprise an active ingredient covalently bonded with a polymer chain, preferably a hydrophilic and/or heat-sensitive polymer chain. The invention relates in particular to polymer prodrugs comprising a polymer chain at least partly formed of monomer of acrylamide or a derivative thereof, said polymer comprising a proximal portion and a terminal portion; a first pharmaceutically active molecule covalently coupled to the proximal portion of the polymer; and optionally a second pharmaceutically active molecule covalently coupled to the terminal portion of the polymer.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2019097025A1

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