

Title (en)
IMPROVED SPECIFICITY IN TREATMENT OF DISEASES

Title (de)
VERBESSERTE SPEZIFITÄT IN DER BEHANDLUNG VON KRANKHEITEN

Title (fr)
SPECIFICITE AMELIOREE DANS LE TRAITEMENT DE MALADIES

Publication
EP 1351966 A1 20031015 (EN)

Application
EP 00984134 A 20001207

Priority

- US 0033454 W 20001207
- US 22694800 P 20000822
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- US 22687100 P 20000822

Abstract (en)
[origin: WO0216382A1] A drug is modified by covalently coupling a blocking group to the drug via a nitrogen atom in the blocking group. The blocking group in the modified drug prevents metabolic conversion and sequestration of the drug in non-target cells, and the blocking group is enzymatically removed in the target cell. Particularly contemplated advantages of presented compounds and methods include reduction of cytotoxicity by inhibition of metabolic conversion to potentially cytotoxic metabolites, reduction of dosages of drugs by reduction of sequestration into non-target cells, and increase of selectivity of a drug.

IPC 1-7
C07H 19/052; **C07H 19/056**

IPC 8 full level
A61K 31/7056 (2006.01); **A61K 31/7084** (2006.01); **A61K 47/48** (2006.01); **A61K 45/00** (2006.01); **A61P 1/16** (2006.01); **A61P 7/00** (2006.01); **A61P 31/12** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07H 19/052** (2006.01); **C07H 19/056** (2006.01)

CPC (source: EP KR)
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