

Title (en)
TARGETED PROTECTION FROM CYTOTOXINS

Publication
EP 0538268 A4 19930512 (EN)

Application
EP 91910021 A 19910510

Priority
US 52265390 A 19900511

Abstract (en)
[origin: WO9117761A1] A method of targeted rescue of cells from the effect of a chemotherapeutic cytotoxin is disclosed. A cytotoxin directed against diseased cells is administered with an antagonist-conjugate targetable to normal cells. The antagonist-conjugate is made up of an antagonist of the cytotoxin complexed with a cell-specific binding agent which specifically binds to a cellular surface component present on normal, but not diseased cells. The cellular surface component is typically a surface receptor of the cell which mediates endocytosis. The antagonist-conjugate is specifically taken up by normal cells to provide protection from the toxic effects of the cytotoxin. Diseased cells which lack the surface receptor do not take up effective amounts of the antagonist and consequently are unprotected.

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A61K 37/02; **A61K 31/505**; **C07K 17/02**

IPC 8 full level
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CPC (source: EP)
A61K 47/67 (2017.07); **A61K 47/6895** (2017.07); **A61P 35/00** (2017.12); **B82Y 5/00** (2013.01)

Citation (search report)
• [A] EP 0334962 A1 19891004 - ORIENTAL YEAST CO LTD [JP]
• [E] WO 9205250 A1 19920402 - UNIV CONNECTICUT [US]
• See references of WO 9117761A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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