

Title (en)  
METHODS FOR INHIBITING PROLIFERATION AND INDUCING APOPTOSIS IN CANCER CELLS

Title (de)  
VERWENDUNG VON HEMMSTOFFEN DER BINDUNG VON LEUKOTRIEN B4 AN DEN LEUKOTRIEN B4 REZEPTOR ZUR HEMMUNG DER PROLIFERATION UND ZUR INDUKTION DER APOPTOSE IN KREBSZELLEN

Title (fr)  
PROCEDES SERVANT A INHIBER LA PROLIFERATION ET A INDUIRE L'APOPTOSE DANS DES CELLULES CANCEREUSES

Publication  
**EP 1326605 A4 20040317 (EN)**

Application  
**EP 01935770 A 20010508**

Priority

- US 0140697 W 20010508
- US 21934400 P 20000509

Abstract (en)  
[origin: WO0185166A1] Disclosed are methods of decreasing proliferation of adenocarcinoma cancer cells, or of inducing apoptosis of adenocarcinoma cancer cells, or of inducing differentiation of adenocarcinoma cancer cells into non-cancerous cells. One such method includes contacting the adenocarcinoma cancer cells with a compound under conditions effective for the compound to inhibit binding of leukotriene B4 to leukotriene B4 receptor. In another such method, the method includes contacting the adenocarcinoma cancer cells with 2-(2-propyl-3-(3-(2-ethyl-4-(4-fluorophenyl)-5-hydroxyphenoxy)propoxy)phenoxy)benzoic acid or a pharmaceutically acceptable salt, solvate, or congener thereof. Also disclosed are methods of treating adenocarcinomas in a subject. One method includes administering to the subject an amount of a compound effective to inhibit binding of leukotriene B4 to leukotriene B4 receptor. Another method includes administering 2-(2-propyl-3-(3-(2-ethyl-4-(4-fluorophenyl)-5-hydroxyphenoxy)propoxy)phenoxy)benzoic acid or a pharmaceutically acceptable salt, solvate, or congener thereof, to the subject.

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**A61K 31/41**; **A61K 31/194**; **A61K 31/352**; **A61K 31/44**; **A61K 31/445**; **A61K 38/00**

IPC 8 full level  
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Citation (search report)

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- [A] STEELE V E ET AL: "LIPOXYGENASE INHIBITORS AS POTENTIAL CANCER CHEMOPREVENTIVES", CANCER EPIDEMIOLOGY, BIOMARKERS AND PREVENTION, AMERICAN ASSOCIATION FOR CANCER RESEARCH., US, vol. 8, no. 5, May 1999 (1999-05-01), pages 467 - 483, XP000984604, ISSN: 1055-9965
- See references of WO 0185166A1

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