Title (en)

NOVEL FARNESYL TRANSFERASE INHIBITORS, PREPARATION THEREOF, AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME

Title (de)

INHIBITOREN DER FARNESYLTRANSFERASE, IHRE HERSTELLUNG UND SIE ENTHALTENDE PHARMAZEUTISCHE ZUBEREITUNGEN

Title (fr)

INHIBITEURS DE FARNESYL TRANSFERASE, LEUR PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT

Publication

EP 0808329 A1 19971126 (FR)

Application

EP 96903062 A 19960207

Priority

- FR 9600199 W 19960207
- FR 9501490 A 19950209

Abstract (en)

[origin: WO9624612A1] Novel farnesyl transferase inhibitors of general formula (I), preparation thereof, and pharmaceutical compositions containing same. In general formula (I), R1 is Y-S-A1- (where Y is a hydrogen atom, an amino acid residue, a fatty acid residue, an alkyl or alkoxycarbonyl radical, or a radical R4-S-, where R4 is a C1-6 alkyl radical optionally substituted by a phenyl radical, or a radical of general formula (II), wherein A1, X1, Y1, R2, R'2, X2, Y2, X, R3, R'3 and R are as defined below, and A1 is a C1-4 alkylene radical optionally alpha -substituted in the >C(X1)(Y1) grouping by an amino, alkylamino, alkanoylamino or alkoxycarbonylamino radical); X1 and Y1 are each a hydrogen atom or, taken together with the carbon atom to which they are attached, a >C=O grouping; R2 is a straight or branched C1-4 alkyl radical optionally substituted by a cyclohexyl radical; R'2 is hydrogen or alkyl; X2 and Y2 are each a hydrogen atom or, taken together with the carbon atom to which they are attached, a >C=O grouping; R3 is a C1-4 alkyl radical optionally substituted by hydroxy, alkoxy, mercapto, alkylthio, alkylsulphinyl or alkylsulphonyl, with the proviso that, when R3 is an alkyl radical substituted by a hydroxy radical, R3 may form a lactone with the alpha -carboxy radical; R'3 is hydrogen or alkyl; X is an oxygen or sulphur atom; and R is a hydrogen atom or an optionally substituted alkyl radical or an optionally substituted phenyl radical. These novel products have anticancer properties.

IPC 1-7

C07K 5/103; A61K 38/07

IPC 8 full level

A61K 38/55 (2006.01); **A61P 35/00** (2006.01); **C07K 5/103** (2006.01); A61K 38/00 (2006.01)

CPC (source: EP KR)

A61K 38/07 (2013.01 - KR); **A61P 35/00** (2017.12 - EP); **C07K 5/1005** (2013.01 - KR); **C07K 5/1013** (2013.01 - EP); A61K 38/00 (2013.01 - EP)

Citation (search report)

See references of WO 9624612A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

WO 9624612 A1 19960815; AU 4722896 A 19960827; BR 9607318 A 19971230; CA 2210953 A1 19960815; CN 1173873 A 19980218; CZ 249997 A3 19971112; EP 0808329 A1 19971126; FI 973279 A0 19970808; FI 973279 A 19970808; FR 2730492 A1 19960814; FR 2730492 B1 19970314; JP H10513468 A 19981222; KR 19980702049 A 19980715; MX 9705969 A 19971129; NO 973607 D0 19970805; NO 973607 L 19970805; PL 321710 A1 19971222; SK 108897 A3 19971210; TR 199700726 T1 19980121; ZA 961073 B 19960820

DOCDB simple family (application)

FR 9600199 W 19960207; AU 4722896 A 19960207; BR 9607318 A 19960207; CA 2210953 A 19960207; CN 96191866 A 19960207; CZ 249997 A 19960207; EP 96903062 A 19960207; FI 973279 A 19970808; FR 9501490 A 19950209; JP 52403896 A 19960207; KR 19970705444 A 19970807; MX 9705969 A 19960207; NO 973607 A 19970805; PL 32171096 A 19960207; SK 108897 A 19960207; TR 9700726 T 19960207; ZA 961073 A 19960209