

## Title (en)

ANALOGS EXHIBITING INHIBITION OF CELL PROLIFERATION, METHODS OF MAKING, AND USES THEREOF

## Title (de)

ANALOGA, DIE DIE ZELLPROLIFERATION HEMMEN, VERFAHREN ZU DEREN HERSTELLUNG UND DEREN ANWENDUNG

## Title (fr)

ANALOGUES INHIBITEURS DE LA PROLIFERATION CELLULAIRE, LEURS PROCEDES DE FABRICATION, ET LEURS UTILISATIONS

## Publication

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## Application

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## Abstract (en)

[origin: WO2005086638A2] Analogs exhibiting inhibition of cell proliferation are provided. Methods of making the analogs are also included. The analogs can be used to treat cancerous conditions such as prostate, breast, and ovarian cancer.

## IPC 8 full level

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## CPC (source: EP)

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## Citation (search report)

- [X] US 4962096 A 19901009 - MASAKI MITSUO [JP], et al
- [X] US 5811429 A 19980922 - CONNELL RICHARD [US], et al
- [X] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; CAPET, MARC ET AL: "Preparation and formulation of 2-aryl-3-(ureidoacetyl)thiazolidine-4-carboxylates and analogs as CCK receptor and gastrin receptor ligands", XP002541376, retrieved from STN Database accession no. 1994:217658
- [X] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; DUBROEUCQ, MARIE-CHRISTINE ET AL: "Preparation and formulation of N-[(phenylureido)acetyl]thiazolidine-4-carboxylates and analogs as gastrin and CCK antagonists", XP002541377, retrieved from STN Database accession no. 1995:664908
- [X] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SUMMERS, JAMES B. ET AL: "Preparation of N-benzoylphenyl 2-(3-pyridinyl)-4-aminomethylthiazolidines and related compounds as platelet activating factor antagonists", XP002541378, retrieved from STN Database accession no. 1993:59704
- [X] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; AITKEN, R. ALAN ET AL: "Effect of added benzoic acid on the phase-transfer-catalyzed permanganate oxidation of organosulfur compounds", XP002541379, retrieved from STN Database accession no. 1997:505484
- [X] SZILAGYI, LASZLO ET AL: "Comments on the putative stereoselectivity in cysteine-aldehyde reactions. Selective C(2) inversion and C(4) epimerization in thiazolidine-4-carboxylic acids", JOURNAL OF THE AMERICAN CHEMICAL SOCIETY , 101(2), 427-32 CODEN: JACSAT; ISSN: 0002-7863, 1979, XP002541375
- [X] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; HALL, G. E. ET AL: "Chemistry of micrococccin P. VIII. A method for the degradation of thiazole-4-carboxylic acids", XP002541380, retrieved from STN Database accession no. 1966:465478
- [X] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; HOOPER, FLORENCE E. ET AL: "Synthesis of thiazolebarbituric acids. XIII", XP002541381, retrieved from STN Database accession no. 1934:14056
- [X] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; MIYAKE, AKIRA ET AL: "Antibiotics. I. Acidomycin. Isolation and chemical structure", XP002541382, retrieved from STN Database accession no. 1955:64797
- [X] DATABASE CA [online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; MUSSER, JOHN HENRY ET AL: "2-Aryl-substituted heterocyclic compounds as antiallergic and anti-inflammatory agents", XP002541383, retrieved from STN Database accession no. 1989:553787
- [X] DATABASE CROSSFIRE BEILSTEIN BEILSTEIN INSTITUT ZUR FOERDERUNG DER CHEMISCHEN WISSENSCHAFTEN, FRANKFURT AM MAIN. DE; XP002541384, Database accession no. 219563 & WO 9301167 A1 19930121 - RHONE POULENC RORER SA [FR] & FR 2700168 A1 19940708 - RHONE POULENC RORER SA [FR] & US 5149704 A 19920922 - SUMMERS JAMES B [US], et al & SYNTHESIS , (7), 787-791 CODEN: SYNTBF; ISSN: 0039-7881, 1997 & JOURNAL OF THE CHEMICAL SOCIETY [SECTION] C: ORGANIC , (6), 1357-60 CODEN: JSOAX; ISSN: 0022-4952, 1966 & JOURNAL OF THE AMERICAN CHEMICAL SOCIETY , 56, 484-5 CODEN: JACSAT; ISSN: 0002-7863, 1934 & PHARMACEUTICAL BULLETIN , 1, 84-8 CODEN: PHBUA9; ISSN: 0369-9471, 1953 & EP 0310370 A1 19890405 - AMERICAN HOME PROD [US] & JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 56, 1934, pages 484
- See references of WO 2005086638A2

## Designated contracting state (EPC)

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## DOCDB simple family (application)

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