

Title (en)
COMPOSITION COMPRISING OKADAIC ACID FOR UNDIFFERENTIATED PROLIFERATION OF EMBRYONIC STEM CELLS

Title (de)
OKADAINSÄURE ENTHALTENDE ZUSAMMENSETZUNG FÜR DIE UNDIFFERENZIERTE PROLIFERATION EMBRYONALER STAMMZELLEN

Title (fr)
COMPOSITION COMPRENANT DE L'ACIDE OKADAÏQUE POUR LA PROLIFÉRATION INDIFFÉRENCIÉE DE CELLULES SOUCHES EMBRYONNAIRES

Publication
EP 1948787 A4 20081231 (EN)

Application
EP 05823886 A 20051118

Priority
KR 2005003925 W 20051118

Abstract (en)
[origin: WO2007058401A1] Disclosed herein are a culture medium composition comprising okadaic acid for use in the undifferentiated proliferation of human embryonic stem cells and a method of inducing the undifferentiated proliferation of human embryonic stem cells in the culture medium.

IPC 8 full level
C12N 5/0735 (2010.01)

CPC (source: EP)
C12N 5/0606 (2013.01); **C12N 2501/70** (2013.01); **C12N 2501/999** (2013.01)

Citation (search report)

- [A] NISHINA YUKIO ET AL: "Effects of protein phosphatase inhibition by okadaic acid on the differentiation of F9 embryonal carcinoma cells", EXPERIMENTAL CELL RESEARCH, vol. 217, no. 2, 1995, pages 288 - 293, XP002504078, ISSN: 0014-4827
- [A] SASAHARA YOJI ET AL: "Okadaic acid suppresses neural differentiation-dependent expression of the neurofilament-L gene in P19 embryonal carcinoma cells by post-transcriptional modification", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 271, no. 42, 1996, pages 25950 - 25957, XP002504079, ISSN: 0021-9258
- [A] BOE R ET AL: "THE PROTEIN PHOSPHATASE INHIBITOR OKADAIC ACID INDUCES MORPHOLOGICAL CHANGES TYPICAL OF APOPTOSIS IN MAMALIAN CELLS", EXPERIMENTAL CELL RESEARCH, ACADEMIC PRESS, US, vol. 195, 1 January 1991 (1991-01-01), pages 237 - 246, XP002929317, ISSN: 0014-4827
- [A] FESSARD VALERIE ET AL: "Okadaic acid treatment induces DNA adduct formation in BHK21 C13 fibroblasts and HESV keratinocytes", MUTATION RESEARCH, vol. 361, no. 2-3, 1996, pages 133 - 141, XP009108744, ISSN: 0027-5107
- [A] AFSHARI C A ET AL: "Induction of neoplastic progression in Syrian hamster embryo cells treated with protein phosphatase inhibitors.", CANCER RESEARCH 15 APR 1993, vol. 53, no. 8, 15 April 1993 (1993-04-15), pages 1777 - 1782, XP002504089, ISSN: 0008-5472
- See references of WO 2007058401A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007058401 A1 20070524; CN 101180388 A 20080514; EP 1948787 A1 20080730; EP 1948787 A4 20081231; JP 2009506785 A 20090219

DOCDB simple family (application)
KR 2005003925 W 20051118; CN 200580049660 A 20051118; EP 05823886 A 20051118; JP 2008529901 A 20051118