

Title (en)

COMPOSITIONS AND METHODS RELATING TO NOVEL COMPOUNDS AND TARGETS THEREOF

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN FÜR NEUE VERBINDUNGEN UND IHRE TARGETS

Title (fr)

COMPOSITIONS ET PROCEDES DE RECHERCHE DE NOUVEAUX COMPOSES ET LEURS CIBLES

Publication

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Application

EP 04775923 A 20040430

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- US 42721203 A 20030501
- US 63411403 A 20030804
- US 79553504 A 20040308

Abstract (en)

[origin: WO2005004988A2] The present invention relates to novel chemical compounds, methods for their discovery, and their therapeutic use. In particular, the present invention provides benzodiazepine derivatives and methods of using benzodiazepine derivatives as therapeutic agents to treat a number of conditions associated with the faulty regulation of the processes of programmed cell death, autoimmunity, inflammation, and hyperproliferation, and the like.

IPC 8 full level

A61K 31/5513 (2006.01); **A61K 45/00** (2006.01); **A61P 35/00** (2006.01); **A61P 37/00** (2006.01); **A61P 37/02** (2006.01); **A61P 37/06** (2006.01); **C12N 5/02** (2006.01); **C12N 7/01** (2006.01); **C12Q 1/42** (2006.01); **G01N 33/50** (2006.01)

IPC 8 main group level

A61P (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] WO 03015703 A2 20030227 - UNIV MICHIGAN [US], et al
- [PX] US 2003119029 A1 20030626 - GLICK GARY D [US], et al
- [X] US 2001016583 A1 20010823 - GLICK GARY D [US], et al
- [PX] EP 1398033 A2 20040317 - UNIV MICHIGAN [US]
- [X] BLATT N B ET AL: "Benzodiazepine-induced superoxide signals B cell apoptosis: mechanistic insight and potential therapeutic utility", THE JOURNAL OF CLINICAL INVESTIGATION, vol. 10, no. 8, October 2002 (2002-10-01), pages 1123 - 1132, XP002422965
- See references of WO 2005004988A2

Citation (examination)

- JOHNSON K.M. ET AL.: "Mechanistic basis for therapeutic targeting of the mitochondrial F1F0-ATPase", ACS CHEMICAL BIOLOGY, vol. 1, no. 5, June 2006 (2006-06-01), UNITED STATES, pages 304 - 308, XP007906563
- BASTIAN E.D. ET AL: "Casein interference in bovine plasmin assays using a synthetic substrate", JOURNAL OF DAIRY SCIENCE, vol. 74, no. 12, December 1991 (1991-12-01), UNITED STATES, pages 4119 - 4124, XP007906550

Cited by

US9849138B2; US8415343B2; US8722667B2; US7759338B2; US7851465B2; US7638624B2; US7683046B2; US8168626B2

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