

Title (en)

USE OF STAT 5 SH2 DOMAIN SPECIFIC COMPOUNDS TO ENHANCE ERYTHROPOIESIS

Title (de)

VERWENDUNG VON STAT 5 SH2 DOMAINE SPEZIFISCHER VERBINDUNGEN ZUR FÖRDERUNG DER ERYTHROPOESE

Title (fr)

UTILISATION DE COMPOSES SE LIANT SPECIFIQUEMENT AU DOMAINE STAT 5 SH2 POUR AUGMENTER L'ERYTHROPOIESE

Publication

**EP 0835104 A4 19991020 (EN)**

Application

**EP 96923579 A 19960628**

Priority

- US 9611158 W 19960628
- US 49735795 A 19950630
- US 59871596 A 19960208

Abstract (en)

[origin: WO9702024A1] Invented is a method of enhancing erythropoiesis in a subject which comprises administering to the subject a therapeutically effective amount of a compound which binds to a human Stat 5 SH2 domain with a binding affinity greater than fifty-fold higher than the binding affinity with which the compound binds to a human Stat 6 SH2 domain, binds to a human hcp SH2 domain, a human Grb2 SH2 domain, a human SH-PTP2 SH2 domain and a human p85 SH2 domain with a binding affinity which is greater than fifty-fold lower than the binding affinity with which the compound binds to such Stat 5 SH2 domain, and binds to a human src SH2 domain, a human lck SH2 domain and a human fyn SH2 domain with a binding affinity which is greater than fifty-fold lower than the binding affinity with which the compound binds to such Stat 5 SH2 domain.

IPC 1-7

**A61K 31/00**; **G01N 33/53**

IPC 8 full level

**C07D 207/50** (2006.01); **A61K 31/12** (2006.01); **A61K 31/165** (2006.01); **A61K 31/166** (2006.01); **A61K 31/192** (2006.01); **A61K 31/195** (2006.01); **A61K 31/40** (2006.01); **A61K 31/435** (2006.01); **A61K 31/437** (2006.01); **A61K 31/50** (2006.01); **A61K 31/546** (2006.01); **A61K 45/00** (2006.01); **A61P 7/06** (2006.01); **C07D 495/14** (2006.01); **C07D 495/22** (2006.01); **C07D 501/36** (2006.01); **C07K 14/47** (2006.01)

CPC (source: EP)

**A61K 31/12** (2013.01); **A61K 31/165** (2013.01); **A61K 31/166** (2013.01); **A61K 31/192** (2013.01); **A61K 31/40** (2013.01); **A61K 31/437** (2013.01); **A61K 31/50** (2013.01); **A61K 31/546** (2013.01); **A61P 7/06** (2017.12); **C07K 14/47** (2013.01); **C07K 2319/00** (2013.01); **C12N 2799/026** (2013.01)

Citation (search report)

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- [A] GB 2171303 A 19860828 - CHUGAI PHARMACEUTICAL CO LTD
- [A] US 4987121 A 19910122 - BAERTSCHI ALEX J [US], et al
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Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**WO 9702024 A1 19970123**; AU 6405596 A 19970205; CA 2225666 A1 19970123; EP 0835104 A1 19980415; EP 0835104 A4 19991020; JP H10512585 A 19981202

DOCDB simple family (application)

**US 9611158 W 19960628**; AU 6405596 A 19960628; CA 2225666 A 19960628; EP 96923579 A 19960628; JP 50526897 A 19960628