

Title (en)
DERIVATIVES AND PRECURSORS OF CAPTOPRIL AND ITS ANALOGUES

Publication
EP 0432204 A4 19920812 (EN)

Application
EP 89910020 A 19890825

Priority
US 23760588 A 19880826

Abstract (en)
[origin: WO9002118A1] This invention relates to novel S-protected derivatives of an orally active inhibitor of an angiotensin-converting enzyme (ACE) and its analogues, which derivatives are useful for the reasons that they are (1) easily prepared from novel precursors, (2) resolvable to their optically purified stereoisomeric species and (3) convertible to non-derivatized stereoisomeric species which correspond to the pharmacologically active inhibitor and its analogues. Consequently, this invention also relates to the novel precursors. Novel methods for preparing the derivatives and their precursors are also noted herein. In addition, methods for converting the derivatives to the resolved de-derivatized stereoisomeric species of the ACE inhibitor and its analogues are described.

IPC 1-7
C07D 205/04; **C07D 401/12**; **C07D 295/08**; **C07D 403/12**

IPC 8 full level
C07D 295/08 (2006.01); **C07D 205/04** (2006.01); **C07D 207/08** (2006.01); **C07D 207/16** (2006.01); **C07D 211/60** (2006.01);
C07D 401/12 (2006.01); **C07D 403/12** (2006.01)

CPC (source: EP)
C07D 205/04 (2013.01); **C07D 207/16** (2013.01); **C07D 211/60** (2013.01)

Citation (search report)

- [X] GB 2066243 A 19810708 - SQUIBB & SONS INC
- [A] GB 2170806 A 19860813 - BORYUNG PHARM
- CHEMICAL ABSTRACTS, vol. 109, 1988, Columbus, Ohio, US; abstract no. 50146S; S.J. GEE et al.: "Development of an enzyme-linked immunosorbent assay for the analysis of the thiocarbamate herbicide molinate", & J. Agric. Food Chem. 1988, 36(4), 863-70, page 247
- CHEMICAL ABSTRACTS, vol. 106, 1987, Columbus, Ohio, US; abstract no. 58866K, SCHROETER D.; DIETZSCH, W.; HOYER E.; STEINECKE G.: 'Chemical sensitization of silver halide photographic emulsions. & DD-A-235 929 (VEB Filmfabrik Wolfen) 21 May 1986' page 590
- CHEMICAL ABSTRACTS, vol. 97, 1982, Columbus, Ohio, US; abstract no. 5495C, KLEINPETER E.; BEHRENDT S.; BEYER L.; DIETZSCH W.; BORSDORF R.: 'Dynamic NMR studies of the restricted rotation at the NC(X) bonding fragment, & J. Prakt. Chem. 1982, 324(1), 29-45.' page 537
- CHEMICAL ABSTRACTS, vol. 87, 1977, Columbus, Ohio, US; abstract no. 52725F, MUSTAFAEV N.P. ET. AL.: 'Synthesis and study of some dithiocarbamic acid esters & Zh. Org. Khim. 1977, 13(5),985-90 '
- See references of WO 9002118A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 9002118 A1 19900308; AU 4200489 A 19900323; EP 0432204 A1 19910619; EP 0432204 A4 19920812; IL 91444 A0 19900429; IL 91444 A 19941229; IN 170190 B 19920222; JP H04503662 A 19920702

DOCDB simple family (application)
US 8903695 W 19890825; AU 4200489 A 19890825; EP 89910020 A 19890825; IL 9144489 A 19890827; IN 644MA1989 A 19890828; JP 50957689 A 19890825