

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'CAPLUS' ENTERED AT 11:25:17 ON 11 MAR 2015  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2015 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 11 Mar 2015 VOL 162 ISS 12  
FILE LAST UPDATED: 10 Mar 2015 (20150310/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Nov 2014  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Sep 2014

CAPLUS includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2015.

CAPLUS now includes the comprehensive Cooperative Patent Classification (CPC). See HELP CPC for details.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 103:54461/dn  
L1 1 103:54461/DN

=> d bib abs

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2015 ACS on STN  
[Full Text](#)  
AN 1985:454461 CAPLUS  
DN **103:54461**  
OREF 103:8792h,8793a  
TI 2-Azabicyclo[3.1.0]hexane-3-carboxylic acid derivatives, intermediates, and their use  
IN Urbach, Hansjoerg; Henning, Rainer; Becker, Reinhard  
PA Hoechst A.-G., Fed. Rep. Ger.  
SO Ger. Offen., 30 pp.  
CODEN: GWXXBX  
DT Patent  
LA German

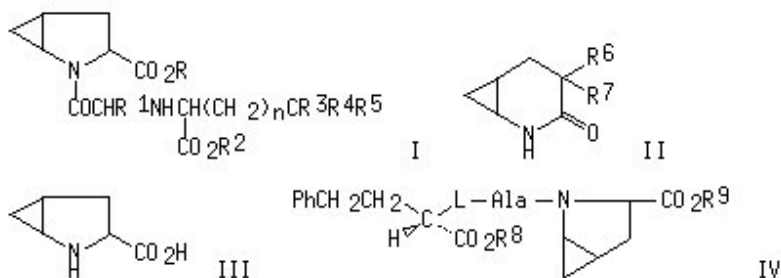
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 3324263	A1	19850117	DE 1983-3324263	19830706
	EP 131226	A2	19850116	EP 1984-107607	19840630
	EP 131226	A3	19870826		
	EP 131226	B1	19900530		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 53203	T	19900615	AT 1984-107607	19840630
	HU 37803	A2	19860228	HU 1984-2563	19840702
	HU 209413	B	19940530		
	HU 39160	A2	19860828	HU 1985-4538	19840702
	HU 194827	B	19880328		
	US 4591598	A	19860527	US 1984-627639	19840703
	FI 8402691	A	19850107	FI 1984-2691	19840704
	ES 534001	A1	19850416	ES 1984-534001	19840704
	DK 8403302	A	19850107	DK 1984-3302	19840705
	AU 8430298	A	19850110	AU 1984-30298	19840705
	AU 573227	B2	19880602		
	ZA 8405160	A	19850227	ZA 1984-5160	19840705
	JP 60051199	A	19850322	JP 1984-138111	19840705
	JP 07010879	B	19950208		
	CA 1263000	A1	19891114	CA 1984-458205	19840705
	ES 535452	A1	19850516	ES 1984-535452	19840828
	ES 535453	A1	19850516	ES 1984-535453	19840828
	CA 1267902	A2	19900417	CA 1988-583193	19881104
PRAI	DE 1983-3324263	A	19830706		
	EP 1984-107607	A	19840630		
	CA 1984-458205	A3	19840705		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 103:54461

GI



AB Title derivs. I [R = H, C1-6 alkyl, C2-6 alkenyl, (C6-12 aryl)-C1-4 alkyl; R1 = H, (un)substituted C1-6 alkyl, C2-6 alkenyl, C5-9 cycloalkyl, C5-9 cycloalkenyl, etc.; R2 = H, C1-6 alkyl, C2-6 alkenyl, (C6-12 aryl)-C1-4 alkyl; R3 = H, OH, R4 = H; R3R4 = O; R5 = C1-6 alkyl, C2-6 alkenyl, C2-6 alkenyl, C5-9 cycloalkyl, (un)substituted C6-12 aryl; n = 0, 1] were prepd. as antihypertensives (no data) due to their ability to inhibit angiotensin-converting enzyme. Thus, cis-bicyclo[3.1.0]hexan-2-one was treated with H<sub>2</sub>NOSO<sub>3</sub>H and then subjected to the Beckman rearrangement to give cis-azabicyclo[4.1.0]heptane cis-II (R6 = R7 = H), which was chlorinated with PCl<sub>5</sub> to give cis-II (R6 = R7 = Cl), which was dechlorinated by hydrogenation over Raney Ni to give cis-II (R6 = Cl, R7 = H). The latter was hydrolyzed in the presence of Ba(OH)<sub>2</sub> to give cis-azabicyclo[3.1.0]hexane-3-carboxylate cis-III, which was sepd. into its exo and endo isomers. The latter were esterified with PhCH<sub>2</sub>OH via SOCl<sub>2</sub> to give the corresponding benzyl esters, which were condensed with (S)-PhCH<sub>2</sub>CH<sub>2</sub>CH(CO<sub>2</sub>Et)-L-Ala-OH by DCC/1-hydroxybenzotriazole to give the exo and endo isomers of title compd. cis-IV (R8 = Et, R9 = CH<sub>2</sub>Ph), which were sepd. into the 3S-endo, 3R-endo, 3S-exo, and 3R-exo isomers. The latter were debenzylated by hydrogenolysis over Pd/C and then treated with HCl/EtOH to give the corresponding cis-IV.HCl (R8 = Et, R9 = H). 3S-endo-cis-IV.HCl (R8 = Et, R9 = H) was sapond. to give 3S-endo-cis-IV (R8 = R9 = H); 3S-exo-cis-IV (R8 = R9 = H) was also prepd.

OSC.G 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)