9700179-6

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
C07D 213/79, 277/54, 333/40, 237/24, 263/48, 285/12, 333/32, 285/10, 213/56, 307/54, 295/14, 401/12, 409/12, 417/12, 257/04

A1

(11) International Publication Number: WO 96/03380

(43) International Publication Date: 8 February 1996 (08.02.96)

(21) International Application Number: PCT/GB95/01728

(22) International Filing Date: 21 July 1995 (21.07.95)

(30) Priority Data:

9414924.2	25 July 1994 (25.07.94)	GB
9501288.6	24 January 1995 (24.01.95)	GB

(71) Applicant *(for all designated States except US)*: ZENECA LIMITED [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: BREAULT, Gloria, Anne [GB/GB]; 17 Blackfirs Lane, Congleton, Cheshire CW12 4QG (GB). OLDFIELD, John [GB/GB]; 68 Hallwood Road, Handforth, Wilmslow, Cheshire SK9 3BJ (GB). TUCKER, Howard [GB/GB]; 32 Millers Meadow, Rainow, Macclesfield, Cheshire SK10 5UE (GB). WARNER, Peter [GB/GB]; 25 Barnside Way, Tytherington, Macclesfield, Cheshire SK10 2TZ (GB).

(74) Agent: DENERLEY, Paul, Millington; Zeneca Pharmaceuticals, Intellectual Property Group, Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG).

Published

With international search report.

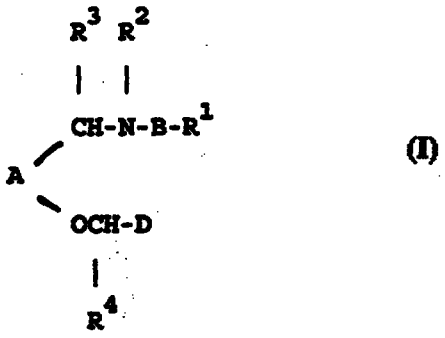
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

RTMP

(54) Title: AROMATIC AMINO ETHERS AS PAIN RELIEVING AGENTS

(57) Abstract

The present invention relates to compounds of formula (I), wherein A is an optionally substituted phenyl, naphthyl, pyridyl, pyrazinyl, pyridazinyl, pyrimidyl, thienyl, thiazolyl, oxazolyl, thiadiazolyl having at least two adjacent ring carbon atoms or a bicyclic ring system, provided that the $-CH(R^3)N(R^2)B-R^1$ and $-OCH(R^4-)-D$ linking groups are positioned in a 1,2 relationship to one another on ring carbon atoms and the ring atom positioned ortho to the $-OCHR^4$ - linking



(I)

group (and therefore in the 3-position relative to the $-CHR^3NR^2-$ linking group) is not substituted; B is an optionally substituted ring system; D is an optionally substituted ring system; R^1 is a variety of group as defined in the description; R^2 is hydrogen, C_{1-6}alkyl, C_{2-6}alkenyl, C_{2-6}alkynyl, phenylC_{1-3}alkyl or 5- or 6-membered heteroarylC_{1-3}alkyl; R^3 is hydrogen or C_{1-4}alkyl; R^4 is hydrogen or C_{1-4}alkyl; and N-oxides of NR^2 where chemically possible; and S-oxides of sulphur containing rings were chemically possible; and pharmaceutically acceptable salts and *in vivo* hydrolysable esters and amides thereof. Process for their preparation, intermediates in their preparation, their use as therapeutic agents and pharmaceutical compositions containing them.

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

AT	Austria	GB	United Kingdom	MR	Mauritania
AU	Australia	GE	Georgia	MW	Malawi
BB	Barbados	GN	Guinea	NE	Niger
BE	Belgium	GR	Greece	NL	Netherlands
BF	Burkina Faso	HU	Hungary	NO	Norway
BG	Bulgaria	IE	Ireland	NZ	New Zealand
BJ	Benin	IT	Italy	PL	Poland
BR	Brazil	JP	Japan	PT	Portugal
BY	Belarus	KE	Kenya	RO	Romania
CA	Canada	KG	Kyrgystan	RU	Russian Federation
CF	Central African Republic	KP	Democratic People's Republic of Korea	SD	Sudan
CG	Congo			SE	Sweden
CH	Switzerland	KR	Republic of Korea	SI	Slovenia
CI	Côte d'Ivoire	KZ	Kazakhstan	SK	Slovakia
CM	Cameroon	LI	Liechtenstein	SN	Senegal
CN	China	LK	Sri Lanka	TD	Chad
CS	Czechoslovakia	LU	Luxembourg	TG	Togo
CZ	Czech Republic	LV	Latvia	TJ	Tajikistan
DE	Germany	MC	Monaco	TT	Trinidad and Tobago
DK	Denmark	MD	Republic of Moldova	UA	Ukraine
ES	Spain	MG	Madagascar	US	United States of America
FI	Finland	ML	Mali	UZ	Uzbekistan
FR	France	MN	Mongolia	VN	Viet Nam
GA	Gabon				

9700179-6