

Title (en)  
SUBSTITUTED BIARYL AMIDES AS C5A RECEPTOR MODULATORS

Title (de)  
SUBSTITUIERTE BIARYLAMIDE ALS MODULATOREN DES C5A-REZEPTORS

Title (fr)  
BIARYLAMIDES SUBSTITUES EN TANT QUE MODULATEURS DU RECEPTEUR C5A

Publication  
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Application  
**EP 03745585 A 20030325**

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Abstract (en)  
[origin: WO03082826A1] Substituted biaryl amides of Formula I are provided. Such compounds are ligands that may be used to modulate C5a receptor activity in vivo or in vitro, and are particularly useful in the treatment of conditions associated with pathological C5a receptor activation in humans, domesticated companion animals and livestock animals. Pharmaceutical compositions and methods for using them to treat such disorders are provided, as are methods for using such ligands for receptor localization studies.

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Citation (search report)  
• [PX] WO 0249993 A2 20020627 - NEUROGEN CORP [US], et al  
• [X] WO 9724343 A1 19970710 - BOEHRINGER INGELHEIM PHARMA [US], et al  
• [X] WO 9955663 A1 19991104 - VERTEX PHARMA [US], et al  
• [X] WO 9806691 A2 19980219 - WARNER LAMBERT CO [US], et al  
• [X] CH 293880 A 19531015 - CIBA GEIGY [CH]  
• [X] US 2149279 A 19390307 - OTTO DALMER, et al  
• [X] WO 9827108 A2 19980625 - FUJISAWA PHARMACEUTICAL CO [JP], et al  
• [X] EP 0127727 A2 19841212 - AMERICAN CYANAMID CO [US]  
• [X] WO 9117748 A1 19911128 - HOECHST AG [DE]  
• [X] WO 9709315 A1 19970313 - SIGNAL PHARM INC [US], et al  
• [X] GB 919073 A 19630220 - FARMACEUTICI ITALIA  
• [X] EP 0189774 A1 19860806 - TOKUYAMA SODA KK [JP]  
• [X] US 2965646 A 19601220  
• [E] WO 03037847 A1 20030508 - SMITHKLINE BEECHAM PLC [GB], et al & S. NAKAJIMA ET AL, YAKUGAKU ZASSHI, vol. 76, 1957, pages 1211 - 1213  
• [X] DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 7 March 2001 (2001-03-07), XP002345343, retrieved from STN Database accession no. RN 326025-32-5  
• [X] DATABASE CAPLUS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002345344, retrieved from STN Database accession no. 1957:12940  
• [X] J. CLAYDEN ET AL, ORGANIC LETTERS, vol. 2, no. 26, 2000, pages 4229 - 4232, XP002345295  
• [X] DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 17 May 2001 (2001-05-17), XP002345795, retrieved from STN Database accession no. RN 336149-76-9  
• [X] DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 13 November 2000 (2000-11-13), XP002345796, retrieved from STN Database accession no. RN 302590-68-7  
• [X] DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 27 November 2000 (2000-11-27), XP002345797, retrieved from STN Database accession no. RN 304510-82-5  
• [X] DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 3 June 2001 (2001-06-03), XP002345798, retrieved from STN Database accession no. RN 339236-92-9  
• [X] DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 16 May 2001 (2001-05-16), XP002345799, retrieved from STN Database accession no. RN 335639-67-3  
• [X] DATABASE REGISTRY CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 11 May 2001 (2001-05-11), XP002345800, retrieved from STN Database accession no. RN 335254-50-7  
• [X] A. AHMED ET AL, TETRAHEDRON LETT., vol. 42, no. 20, 2001, pages 3407 - 3410, XP002345297  
• [X] J.V. ALLEN ET AL, CHEM. COMMUN., no. 21, 1997, pages 2121 - 2122, XP002345296  
• See references of WO 03082826A1

Designated contracting state (EPC)  
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