PAGE 2-A

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L15 ANSWER 44 OF 51 CA COPYRIGHT 1996 ACS **DUPLICATE 44** AN 115:105661 CA TI Inhibition of skin graft rejection in mice by rapamycin: a novel immunosuppressive macrolide Eng, C. P.; Gullo-Brown, J.; Chang, J. Y.; Sehgal, S. N. ΑU CS Wyeth-Ayerst Res., Princeton, NJ, 08543, USA SO Transplant. Proc. (1991), 23(1, Bk. 1), 868-9 CODEN: TRPPA8; ISSN: 0041-1345 DT Journal LA English AΒ Rapamycin had marked potency over cyclosporin A and a combination of the 2 drugs had a synergistic effect in prolonging graft survival time in the mouse skin allograft model. IT 53123-88-9, Rapamycin RL: BIOL (Biological study) (skin graft rejection inhibition by) 53123-88-9 CA RN Rapamycin (9CI) (CA INDEX NAME) CN Absolute stereochemistry.



Double bond geometry as shown.

PAGE 2-A

Мe

ANSWER 45 OF 51 CA COPYRIGHT 1996 ACS L15 **DUPLICATE 45** AN 114:240620 CA ΤĨ Methods of inhibiting transplant rejection in mammals using rapamycin and derivatives and prodrugs thereof IN Calne, Roy ŬK PA Š0 Eur. Pat. Appl., 9 pp. CODEN: EPXXDW ΡI EP 401747 A2 901212 DS AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE ΑI EP 90-110612 900605 PRAI US 89-362354 890606 Patent DTLΑ English AB Organ and tissue transplant rejection in mammals is inhibited by



administration of rapamycin or rapamycin in combination with other chemotherapeutic agents for inhibiting transplant rejection, e.g. azathioprine, corticosteroids, cyclosporin, and FK506. Rapamycin was immunosuppressive and not toxic in rats down to 0.5 mg/kg. In pigs, the drug was tolerated at 1 mg/kg. IT 134035-83-9, Azathioprine-rapamycin mixt. 134061-14-6, Cyclosporin-rapamycin mixt. 134127-87-0 FK506-rapamycin mixt. RL: BIOL (Biological study) (animal transplant rejection inhibition with) RN 134035-83-9 CA CN Rapamycin, mixt. with 6-[(1-methyl-4-nitro-1H-imidazol-5-yl)thio]-1Hpurine (9CI) (CA INDEX NAME) CM 1 CRN 53123-88-9 CMF C51 H79 N O13 CDES *

Absolute stereochemistry.

Double bond geometry as shown.

PAGE 1-A OH Мe R R OMe Н H R Me. Me R OH Ε OH Me R Η S R Me MeO MeO E Me

Мe

CM 2

CRN 446-86-6 CMF C9 H7 N7 O2 S

RN 134061-14-6 CA

CN Rapamycin, mixt. with cyclosporin (9CI) (CA INDEX NAME)

CM 1

CRN 79217-60-0

CMF Unspecified

CCI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 53123-88-9

CMF C51 H79 N O13

CDES *

Absolute stereochemistry. Double bond geometry as shown.

PAGE 1-A

PAGE 2-A

Мe

RN 134127-87-0 CA
CN Rapamycin, mixt. with [3S-[3R*[E(1S*,3S*,4S*)],4S*,5R*,8S*,9E,12R*,1
4R*,15S*,16R*,18S*,19S*,26aR*]]-5,6,8,11,12,13,14,15,16,17,18,19,24,
25,26,26a-hexadecahydro-5,19-dihydroxy-3-[2-(4-hydroxy-3methoxycyclohexyl)-1-methylethenyl]-14,16-dimethoxy-4,10,12,18tetramethyl-8-(2-propenyl)-15,19-epoxy-3H-pyrido[2,1c][1,4]oxaazacyclotricosine-1,7,20,21(4H,23H)-tetrone (9CI) (CA
INDEX NAME)

CRN 104987-11-3 CMF C44 H69 N O12 CDES *

Absolute stereochemistry.



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