



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07H 5/04, 15/00, 17/00		A1	(11) International Publication Number: WO 96/39411
			(43) International Publication Date: 12 December 1996 (12.12.96)
(21) International Application Number: PCT/US96/09578		(74) Agent: CLARK, Paul, T.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).	
(22) International Filing Date: 5 June 1996 (05.06.96)			
(30) Priority Data: 08/461,675 5 June 1995 (05.06.95) US		(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, 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).	
(60) Parent Application or Grant (63) Related by Continuation US 08/461,675 (CIP) Filed on 5 June 1995 (05.06.95)			
(71) Applicant (for all designated States except US): EISAI CO., LTD. [JP/JP]; Koishikawa, 4-6-10, Bunkyo-ku, Tokyo 112-88 (JP).		Published With international search report.	
(72) Inventors; and (75) Inventors/Applicants (for US only): CHRIST, William, J. [US/US]; 10 Sutherland Street, Andover, MA 01810 (US). ROSSIGNOL, Daniel, P. [US/US]; 19 Brady Loop, Andover, MA 01810 (US). KOBAYASHI, Seiichi [JP/JP]; 2-10-26, Nakatakatsu, Tsuchiura-shi, Ibaraki-ken 300 (JP). KAWATA, Tsutomu [JP/US]; 700 F Brookside Drive, Andover, MA 01810 (US).			
(54) Title: SUBSTITUTED LIPOSACCHARIDES USEFUL IN THE TREATMENT AND PREVENTION OF ENDOTOXEMIA			
(57) Abstract			
Novel substituted liposaccharides useful in the prophylactic and affirmative treatment of endotoxemia including sepsis, septicemia and various forms of septic shock and methods of using these agents are provided. Also provided are method of preparing these agents and intermediates useful therein.			