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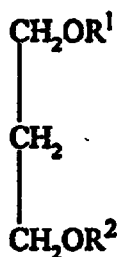


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| (21) International Application Number: PCT/GB96/01053<br>(22) International Filing Date: 1 May 1996 (01.05.96)<br>(30) Priority Data:<br>① 9508823.3 ✓ 1 May 1995 (01.05.95) ✓ GB ✓<br>② 9517107.0 ✓ 21 August 1995 (21.08.95) ✓ GB ✓<br>③ 9605440.8 ✓ 15 March 1996 (15.03.96) ✓ GB ✓<br>(71) Applicant (for all designated States except US): SCOTIA HOLDINGS PLC (GB/GB); Efamol House, Woodbridge Meadows, Guildford, Surrey GU1 1BA (GB).<br>(72) Inventors; and<br>(75) Inventors/Applicants (for US only): HORROBIN, David, Frederick (GB/GB); Scotia Pharmaceuticals Ltd., Efamol House, Woodbridge Meadows, Guildford, Surrey GU1 1BA (GB); MANKU, Mehru (GB/GB); Scotia Pharmaceuticals Ltd., Research & Development Centre, Kingstown Industrial Estate, Kingstown Broadway, Carlisle CA3 0HA (GB); MCMORDIE, Austin (GB/GB); Scotia Pharmaceuticals Ltd., Research & Development Centre, Kingstown Industrial Estate, Kingstown Broadway, Carlisle CA3 0HA (GB); KNOWLES, Philip (GB/GB); Scotia Pharmaceuticals Ltd., Research & Development Centre, Kingstown Industrial Estate, Kingstown Broadway, Carlisle CA3 0HA (GB).<br>(74) Agent: STURT, Clifford, Mark; J. Miller & Co., 34 Bedford Row, Holborn, London WC1R 4JH (GB).<br>(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, 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, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), 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). |  | dustrial Estate, Kingstown Broadway, Carlisle CA3 0HA (GB); REDDEN, Peter (CA/CA); Efamol Research Inc., Unit 2, Annapolis Industrial Estate, Chapman Drive, P.O. Box 818, Kentville, Nova Scotia B4N 4H8 (CA). PITT, Andrea (GB/GB); Scotia Pharmaceuticals Ltd., Research & Development Centre, Kingstown Industrial Estate, Kingstown Broadway, Carlisle CA3 0HA (GB). BRADLEY, Paul (GB/GB); Scotia Pharmaceuticals Ltd., Research & Development Centre, Kingstown Industrial Estate, Kingstown Broadway, Carlisle CA3 0HA (GB). WAKEFIELD, Paul (GB/GB); Scotia Pharmaceuticals Ltd., Research & Development Centre, Kingstown Industrial Estate, Kingstown Broadway, Carlisle CA3 0HA (GB).<br>Published<br>With international search report. |                                                                                                                              |

(54) Title: 1,3-PROPANE DIOL DERIVATIVES AS BIOACTIVE COMPOUNDS



(I)

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See RF 23 of  
4/12/00)  
8 Invs.  
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(57) Abstract

Compounds of 1,3-propane diol linked structure (I), when for use in therapy, where R<sup>1</sup> is an acyl or fatty alcohol group derived from a C<sub>12-30</sub> preferably C<sub>16-30</sub> fatty acid desirably with two or more cis or trans double bonds, and R<sup>2</sup> is hydrogen, or an acyl or fatty alcohol group as R<sup>1</sup> the same or different, or any other nutrient, drug or other bioactive residue.