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(21) International Application Number: PCT/GB95/01035 (22) International Filing Date: 9 May 1995 (09.05.95) (30) Priority Data: 9408994.3 ✓ 6 May 1994 (06.05.94) ✓ GB (71) Applicant (for all designated States except US): VANGUARD MEDICA LIMITED [GB/GB]; Node Court, Drivers End, Codicote, Hertfordshire SG4 8TR (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): DAVISON, Bruce, Everett [GB/GB]; University College London, Gower Street, London WC1E 6HA (GB). JONES, Bryan, Colin, Nicholas, Morgan [GB/GB]; Cilgwyn, Cwmsychbant, Llanybydder, Dyfed SA40 9XG (GB). GANELLIN, Charon, Robin [GB/GB]; University College London, Gower Street, London WC1E 6HA (GB). BISHOP, Paul, Beaumont [GB/GB]; University College London, Gower Street, London WC1E 6HA (GB). JACK, David [GB/GB]; Vanguard Medica Limited, 18 Frederick Sanger Road, Surrey Research Park, Guildford, Surrey GU2 5ZH (GB). (74) Agents: CHAPMAN, Paul, William et al.; Kilburn & Strode, 30 John Street, London WC1N 2DD (GB).		(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, 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 <i>With international search report.</i> <i>With amended claims.</i>
(54) Title: COMPOUNDS CONTAINING A MICHAEL-ACCEPTOR, ESPECIALLY MALEIMIDE OR MALEIC ACID DERIVATIVES, DIRECTLY OR INDIRECTLY LINKED TO A CHROMOPHORE AND THEIR USE IN LONG LASTING SUN-SCREEN COMPOSITIONS (57) Abstract The present invention relates to compounds which are useful as sunscreens. The compounds persists on the skin for much longer than conventional sunscreens because they comprise a Michael acceptor linked directly or indirectly to a chromophore. The Michael acceptor is capable of undergoing a conjugate addition reaction with thiol groups present in cysteine residues of keratin and thus the compound is chemically bound to the skin and will not be removed by immersion in water.		

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