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(71) Applicant *(for all designated States except US)*: CENTRE INTERNATIONAL DE RECHERCHES DERMATOLOGIQUES GALDERMA [FR/FR]; 635, route des Lucioles, Sophia-Antipolis, F-06560 Valbonne (FR).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: PFAHL, Magnus [US/US]; 605 N. Rios Avenue, Solana Beach, CA 92075 (US). LU, Xian-Ping [US/US]; 7353 Mannix Court, San Diego, CA 92129 (US). RIDEOUT, Darryl [US/US]; 5058 Pericarp Court, San Diego, CA 92121 (US). ZHANG, Hongyue [US/US]; 3131-E Via Alicante, La Jolla, CA 92037 (US).

(74) Agents: TESKIN, Robin, L. et al.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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(54) Title: APOPTOSIS INDUCING ADAMANTYL DERIVATIVES AND THEIR USAGE AS ANTI-CANCER AGENTS

(57) Abstract

The present invention relates to specific adamantyl or adamantyl group derivative containing retinoid compounds induce apoptosis of cancer cells. These adamantyl retinoid derivatives are useful for the treatment of many cancers and solid tumors, especially androgen-independent prostate cancer, skin cancer, pancreatic carcinomas, colon cancer, melanoma, ovarian cancer, liver cancer, small cell lung carcinoma, non-small cell lung carcinoma, cervical carcinoma, brain cancer, bladder cancer, breast cancer, neuroblastoma/glioblastoma, and leukemia. Also, the invention relates to novel adamantyl or adamantyl group derivative compounds which are useful as active agents for the treatment or prevention of keratinization disorders and other dermatological conditions, and other diseases.