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(71) Applicant: WASHINGTON UNIVERSITY [US/US]; School of Medicine, 724 South Euclid Avenue, P.O. Box 8013, St. Louis, MO 63110 (US).

(72) Inventors: OSTLUND, Richard, E.; 39 Fair Oaks, Ladue, MO 63124 (US). SHERMAN, William, R.; 8126 Teasdale Avenue, University City, MO 63130 (US).

(74) Agents: BATTLE, Carl, W. et al.; Sandoz Technology Ltd., Patents & Trademarks Division, CH-4002 Basel (CH).

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(54) Title: PINITOL AND DERIVATIVES THEREOF FOR THE TREATMENT OF METABOLIC DISORDERS

(57) Abstract

Pinitol and derivatives and metabolites thereof are useful in nutritional and medicinal compositions for lowering plasma free fatty acid levels and for treating conditions associated with insulin resistance, such as those which result from diabetes mellitus and its chronic complications; obesity; hyperlipidemias and dyslipidemias atherosclerosis; hypertension; cardiovascular disease; AIDS; cancer; wasting/cachexia; sepsis; trauma associated with burns, malnutrition, and stress; aging; lupus and other autoimmune diseases; endocrine disease; hyperuricemia, polycystic ovary syndrome and complications arising from athletic activity.