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University, Department of Chemistry, 3400 Charles Street,
Baltimore, MD 21218 (US).

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(74) Agents: **STIEFEL, Maurice, B.** et al.; Bryan Cave LLP,
1290 Avenue of the Americas, New York, NY 10167 (US).

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(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **KUHADJA,**
Francis, P. [US/US]; Johns Hopkins Medical Center,
4940 Eastern Avenue, Baltimore, MD 21224 (US). **MEDGHALCHI,**
Susan, M. [US/US]; Fasgen, Inc.,
Alpha Center, Johns Hopkins Bayview Research, 5210
Eastern Avenue, Baltimore, MD 21224 (US). **THUPARI,**
Jagan, N. [US/US]; Department of Pathology, Johns
Hopkins Bayview Research Campus, 5210 Eastern Av-
enue, Baltimore, MD 21224 (US). **TOWNSEND, Craig,**
A. [US/US]; Department of Chemistry, Johns Hopkins
University, 3400 N. Charles Street, Baltimore, MD 21218
(US). **McFADDEN, Jill, M.** [US/US]; The Johns Hopkins

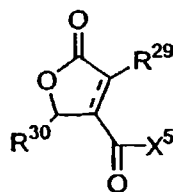
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(54) Title: NOVEL COMPOUNDS, PHARMACEUTICAL COMPOSITIONS CONTAINING SAME, AND METHODS OF USE
FOR SAME



(IX)

(57) Abstract: Pharmaceutical composition comprising a pharmaceutical diluent and a compound of formula (IX): R²⁹ = H, or C₁-C₂₀ alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl, =CHR³¹, -C(O)OR³¹, -C(O)R³¹, -CH₂C(O)OR³¹, CH₂C(O)NHR³¹, where R³¹ is H or C₁-C₁₀ alkyl, cycloalkyl, or alkenyl; R³⁰ = C₁-C₂₀ alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl; X⁵ = -OR³², or NHR³², Where R³² is H, C₁-C₂₀ alkyl, cycloalkyl, alkenyl, aryl, arylalkyl, or alkylaryl, the R³² group optionally containing a carbonyl group, a carboxyl group, a carboxamide group, an alcohol group, or an ether group, the R³² group further optionally containing one or more halogen atoms; with the proviso that when R²⁹ is =CH₂, then X⁵ is not OH. Also disclosed are compounds within the scope of the formula (IX), as well as uses of the pharmaceutical compositions for weight loss, anti-microbial and anti-cancer applications, inhibition of fatty acid synthase and neuropeptide-Y, and the stimulation of the activity of carnitine palmitoyl transferase-1.

WO 2004/006835 A3



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