

Monomeric Naphthylisoquinoline Alkaloids and Synthesis Methods Thereof

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Filed 22 Jul 94

Serial No. 08/279,291

Licensing Contact: Gloria Richmond, 301/496-7056 ext 268

Monomeric naphthylisoquinoline alkaloids and their derivatives are medically useful for the treatment of parasitic infections including malaria. However, these particular alkaloids are available in a limited supply since they are obtained from scarce plants which have a limited geographic distribution. This invention embodies methods for the preparation of monomeric naphthylisoquinoline alkaloids, including the antiparasitic korupensamines and related compounds, as well as non-korupensamines. New, medically useful, naphthylisoquinoline compounds and derivatives are also described. (portfolio: Infectious Diseases—Therapeutics, anti-parasitic)

Antimalarial Naphthylisoquinoline Alkaloids and Pharmaceutical Compositions and Medicinal Uses Thereof

Francois, G., Bringmann, G., Phillipson, J.D., Boyd, M.R., Assi, L.A., Dochez, G., Schneider, C., Timperman, G. (NCI)

Filed 14 Feb 94

Serial No. 08/195,547

Licensing Contact: Gloria Richmond, 301/496-7056 ext 268

This is a new class of naphthylisoquinoline alkaloid compounds, present in plant species of the *Ancistrocladaceae* and *Dioncophyllaceae* plant families which are found in tropical Africa and southern and southeast Asia, that exhibit effective antimalarial properties and offer important new weapons in the treatment of this devastating disease. The deadliest malarial parasites have become resistant to previously effective antimalarial drugs; therefore, effective new antimalarial drugs are urgently needed. These new naphthylisoquinoline compounds effectively inhibit the growth, reproduction, and pathologic effects of a broad spectrum of *Plasmodia* parasites, including drug-resistant strains. Licensees of this invention will be required to comport with all applicable federal and country-of-collection policies relating to biodiversity. (portfolio: Infectious Diseases—Therapeutics, anti-parasitic)

Antimalarial Korupensamines and Pharmaceutical Compositions and Medical Uses Thereof

Boyd, M.R., Francois, G., Bringmann, G., Hallock, Y.F., Manfredi, K.P., Cardellina, J.H. (NCI)

Serial No. 08/195,260

U.S. Patent No. 5,409,938 issued 25 Apr 95

Licensing Contact: Steve Ferguson, 301/496-7735 ext 266

The class of compounds known as korupensamines exhibit *in vitro* and *in vivo* antimalarial activity and offer a potent new means for treating and controlling this devastating disease. As many as 2-3 million people worldwide die from malaria each year, and many more suffer from long-term chronic infection. The deadliest malarial parasites have become resistant to previously effective antimalarial drugs such as chloroquine and other clinically useful agents; therefore, effective new antimalarial drugs are urgently needed. These korupensamine compounds, which are isolated from a new species of the plant genus *Ancistrocladus* which is found in tropical Africa and southern and southeast Asia, effectively inhibit the growth, reproduction, and pathologic effects of a broad spectrum of *Plasmodia* parasites when given alone or in conjunction with previously available antimalarial agents. Licensees of this invention will be required to comport with all applicable federal and country-of-collection policies relating to biodiversity. (portfolio: Infectious Diseases—Therapeutics, anti-parasitic)

Michellamine Antiviral Agents, Compositions, and Treatment Methods

Boyd, M.R., Cardellina, J.H., Manfredi, K.P., Blunt, J.W., Pannell, L.K., McMahon, J.B., Gulakowski, R.J., Cragg, G.M., Bringmann, G., Thomas, D., Jato, J. (NCI)

U.S. Patent 5,455,251 issued 3 Oct 95

Serial No. 08/049,824 (CIP of 07/684,197 with a priority date of 12 Apr 91)

Licensing Contact: Gloria H. Richmond, 301/496-7056 ext 268

Michellamines, structurally novel naphthalene tetrahydroisoquinoline alkaloids, are a new class of antiviral compounds present in the plant *Ancistrocladus korupensis*. The *Ancistrocladaceae* is a small paleotropical family, with 20 species known from Asia and tropical Africa. *A. korupensis* contains three distinct michellamines, A, B, and C. Michellamine B, the most prevalent and potent of the three, is capable of inhibiting two distinct stages of the HIV life cycle. The compound is able to

inhibit HIV-induced cell killing of infected cells but has no effect on HIV virions or initial binding of HIV to target cells. In addition, michellamine B inhibits the enzymatic activity of both the normal HIV reverse transcriptase and the activity of several mutant transcriptases which are resistant to several nonnucleoside inhibitors. The claims of this invention relate to michellamine compounds and derivatives, methods for the isolation of the michellamines from *A. korupensis*, and methods for the administration of these antiviral compounds for treating patients infected with HIV. Licensees of this invention will be required to comport with all applicable federal and country-of-collection policies relating to biodiversity. (portfolio: Infectious Diseases—Therapeutics, anti-virals, AIDS)

Dated: April 9, 1996.

Barbara M. McGarey,

Deputy Director, Office of Technology Transfer.

[FR Doc. 96-9527 Filed 4-17-96; 8:45 am]

BILLING CODE 4140-01-M

Substance Abuse and Mental Health Services Administration

Fiscal Year (FY) 1996 Funding Opportunities for Knowledge Development and Application Cooperative Agreements

AGENCY: Substance Abuse and Mental Health Services Administration, HHS.

ACTION: Addendum.

SUMMARY: Public notice was given in the Federal Register on April 9, 1996, Volume 61, Number 69, pages 15810-15815, that the Substance Abuse and Mental Health Services Administration's (SAMHSA) Center for Mental Health Services (CMHS), Center for Substance Abuse Prevention (CSAP), and Center for Substance Abuse Treatment (CSAT) anticipate that FY 1996 funds will be available for Knowledge Development and Application cooperative agreements for the following five activities: Managed Care, Homelessness Prevention, Predictor Variables and Development, Wrap Around Services, and Cannabis Dependence Treatment.

The notice should have also stated that the full text of each of the five activities is available electronically via the following:

SAMHSA's World Wide Web Home Page (address: HTTP://WWW.SAMHSA.GOV); SAMHSA's Bulletin Board (800-424-2294 or 301-443-0040); the Center for Mental Health

Services' Knowledge Exchange Network (KEN) (voice line 800-789-2647 or Electronic Bulletin Board 800-790-2647); and the Center for Substance Abuse Treatment Forum electronic bulletin board system (call Paula Younger at 301-495-1080 for information).

Dated: April 15, 1996.

Richard Kopanda,

Acting Executive Officer, SAMHSA.

[FR Doc. 96-9540 Filed 4-17-96; 8:45 am]

BILLING CODE 4162-20-P

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

[Docket No. FR-4037-N-02]

Office of the Assistant Secretary for Public and Indian Housing; Notice of Proposed Information Collection for Public Comment

AGENCY: Office of the Assistant Secretary for Public and Indian Housing, HUD.

ACTION: Notice.

SUMMARY: The proposed information collection requirement described below will be submitted to the Office of Management and Budget (OMB) for review, as required by the Paperwork Reduction Act. The Department is soliciting public comments on the subject proposal.

DATES: Comments due June 17, 1996.

ADDRESSES: Interested persons are invited to submit comments regarding this proposal. Comments should refer to the proposal by name and/or OMB Control Number and should be sent to: Mildred M. Hamman, Reports Liaison Officer, Public and Indian Housing, Department of Housing and Urban Development, 451-7th Street, SW, Room 4255, Washington, DC 20410-5000.

FOR FURTHER INFORMATION CONTACT: Midred M. Hamman, (202)-708-0846, for copies of the proposed forms and other available documents. (This is not a toll-free number).

SUPPLEMENTARY INFORMATION: The Department will submit the proposed information collection to OMB for review, as required by the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35, as amended).

This Notice is soliciting comments from members of the public and affected agencies concerning the proposed collection of information to: (1) evaluate whether the proposed collection of information is necessary for the proper performance of the functions of the

agency, including whether the information will have practical utility; (2) evaluate the accuracy of the agency's estimate of the burden of the proposed collection of information; (3) enhance the quality, utility, and clarity of the information to be collected; and (4) minimize the burden of the collection of information on those who are to respond, including through the use of appropriate automated collection techniques or other forms of information technology; e.g., permitting electronic submission of responses.

This Notice also lists the following information:

Title of Proposal: Public and Indian Housing—Comprehensive Improvement Assistance Program.

OMB Control Number: 2577-0044.

Description of the need for the information and proposed use: Public Housing Agencies (PHAs) and Indian Housing Authorities (IHAs) that own or operate fewer than 250 units are eligible to apply and compete for modernization funds under the CIAP.

Agency form numbers, if applicable: HUD-52822, HUD-50071, HUD-2880, HUD-52825, HUD-52820, HUD-50070, HUD-53001.

Members of affected public: PHAs; IHAs.

Estimation of the total number of hours needed to prepare the information collection including number of respondents, frequency of response, and hours of response: on an annual basis, 1,375 respondents, 11.33 responses per respondent, 15,580 total responses, 33,465 total burden hours.

Status of the proposed information collection: Revision of currently approved collection, with minor changes.

Authority: Section 3506 of the Paperwork Reduction Act of 1995, 44 U.S.C. Chapter 35, as amended.

Dated: April 10, 1996.

Kevin Emanuel Marchman,

Deputy Assistant Secretary for Distressed and Troubled Housing Recovery.

[FR Doc. 96-9545 Filed 4-17-96; 8:45 am]

BILLING CODE 4210-33-M

[Docket No. FR-3917-N-65]

Office of the Assistant Secretary for Housing—Federal Housing Commissioner; Notice of Proposed Information Collection for Public Comment

AGENCY: Office of the Assistant Secretary for Housing—Federal Housing Commissioner, HUD.

ACTION: Notice.

SUMMARY: The proposed information collection requirement described below will be submitted to the Office of Management and Budget (OMB) for review, as required by the Paperwork Reduction Act. The Department is soliciting public comments on the subject proposal.

DATES: Comments due: June 17, 1996.

ADDRESSES: Interested persons are invited to submit comments regarding this proposal. Comments should refer to the proposal by name and/or OMB Control Number and should be sent to: Oliver Walker, Housing, Department of Housing & Urban Development, 451-7th Street, SW., Room 9116, Washington, DC 20410.

FOR FURTHER INFORMATION CONTACT: Paul Dilonno, Telephone number (202) 708-1241 (this is not a toll-free number) for copies of the proposed forms and other available documents.

SUPPLEMENTARY INFORMATION: The Department will submit the proposed information collection to OMB for review, as required by the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35, as amended).

The Notice is soliciting comments from members of the public and affecting agencies concerning the proposed collection of information to: (1) Evaluate whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information will have practical utility; (2) Evaluate the accuracy of the agency's estimate of the burden of the proposed collection of information; (3) Enhance the quality, utility, and clarity of the information to be collected; and (4) Minimize the burden of the collection of information on those who are to respond; including through the use of appropriate automated collection techniques or other forms of information technology, e.g., permitting electronic submission of responses.

This Notice also lists the following information:

Title of Proposal: Single Family Acquired Asset Management System (SAMS).

OMB Control Number: 2502-0486.

Description of the need for the information and the proposed use: This information collection is integral to HUD's ability to create and maintain sound financial management practices and effective internal controls over the property disposition program. Without it, the program's accounting and financial data integrity would be severely compromised.