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9900557-1 IPOS

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : A01N 43/00 — A2

(11) International Publication Number: WO 98/06265

(43) International Publication Date: 19 February 1998 (19.02.98)

(21) International Application Number: PCT/US97/13902

(22) International Filing Date: 8 August 1997 (08.08.97)

(30) Priority Data:
60/023,642 9 August 1996 (09.08.96) US

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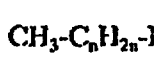
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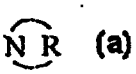
(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, 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).

Published
Without international search report and to be republished upon receipt of that report.

(54) Title: TREATMENT OF FUNGAL INFECTIONS USING A COMBINATION OF AN ANTI-FUNGAL COMPOUND AND AN *N*-ALKYL HETEROCYCLIC COMPOUND



(I)



(a)

(57) Abstract

A method for increasing the effectiveness of an anti-fungal compound is described. In the method, an anti-fungal compound and an N-alkyl heterocyclic compound or a salt thereof are administered to a mammal in a combined amount effective to treat a fungal infection. The N-alkyl heterocyclic compound or salt thereof is present in an amount effective to potentiate or increase the anti-fungal activity of the anti-fungal compound. The N-alkyl heterocyclic compound has formula (I). The variable "n" ranges from 5 to 17, and the heterocyclic ring defined by formula (a) is a substituted or unsubstituted ring having four to eight members. A pharmaceutical composition is described where the anti-fungal compound and the N-alkyl heterocyclic compound or salt thereof are present in a combined amount effective to treat a fungal infection. A method for controlling the growth of fungal organisms on various substrates to be inserted into the body using a combined amount of an anti-fungal compound and an N-alkyl heterocyclic compound or a salt thereof is also described.