PCT COPY 9802996-0

PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) **International Patent Classification** 6 :
A61K 31/34, 31/70 // (A61K 31/70, 31:70) | **A1**

(11) **International Publication Number:** **WO 97/20554**

(43) **International Publication Date:** 12 June 1997 (12.06.97)

(21) **International Application Number:** PCT/US96/19447

(22) **International Filing Date:** 5 December 1996 (05.12.96)

(30) **Priority Data:**
08/567,199 5 December 1995 (05.12.95) US

(71) **Applicant:** VERTEX PHARMACEUTICALS INCORPORATED [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).

(72) **Inventor:** CHATURVEDI, Pravin, Ramsewak; 4 Turning Mill Lane, Quincy, MA 02169 (US).

(74) **Agents:** HALEY, James, F., Jr. et al.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(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 (KE, LS, MW, SD, SZ, UG), 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
With international search report.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) **Title:** TREATMENT OF THE CNS EFFECTS OF HIV WITH VX-478, ALONE OR IN COMBINATION WITH AZT OR 3TC

(57) **Abstract**

Methods and compositions for treating the central nervous system (CNS) effects of HIV, particularly AIDS related dementia.