

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 April 2010 (22.04.2010)

PCT

(10) International Publication Number
WO 2010/045209 A2

(51) International Patent Classification:

A61K 31/7036 (2006.01) *A61K 9/127* (2006.01)
A61P 11/00 (2006.01) *A61K 47/44* (2006.01)

(21) International Application Number:

PCT/US2009/060468

(22) International Filing Date:

13 October 2009 (13.10.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

12/250,412 13 October 2008 (13.10.2008) US

(71) Applicant (for all designated States except US):

TRANSAVE, INC. [US/US]; Princeton Corporate Plaza,
11 Deer Park Drive, Suite 117, Monmouth Junction, NJ
08852-1923 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **GUPTA, Renu**
[US/US]; 412 Salem Crossings Road, Moorestown, NJ
08057 (US).

(74) Agent: **LANG, Hilary, D. @**; Foley Hoag LLP, Patent
Group, Seaport Place, 155 Seaport Blvd., Boston, MA
02210-2600 (US).

(81) Designated States (unless otherwise indicated, for every

kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD,
SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT,
TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every

kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report (Rule 48.2(g))

(54) Title: METHODS OF TREATING PULMONARY DISORDERS WITH LIPOSOMAL AMIKACIN FORMULATIONS

(57) Abstract: Disclosed herein are methods of treating pulmonary disorders comprising administering to the patient an effective dose of a nebulized liposomal amikacin formulation for at least one treatment cycle, wherein: the treatment cycle comprises an administration period of 15 to 75 days, followed by an off period of 15 to 75 days; and the effective dose comprises 100 to 2500 mg of amikacin daily during the administration period.



WO 2010/045209 A2