



(43) International Publication Date
13 December 2012 (13.12.2012)

(10) International Publication Number
WO 2012/167869 A1

(51) International Patent Classification:

C07C 317/44 (2006.01) *A61K 31/16* (2006.01)
C07C 323/60 (2006.01) *A61P 35/00* (2006.01)
C07D 295/00 (2006.01)

(21) International Application Number:

PCT/EP2012/002101

(22) International Filing Date:

15 May 2012 (15.05.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

EP11004610 7 June 2011 (07.06.2011) EP

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(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, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, 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, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: AMINO LIPIDS, THEIR SYNTHESIS AND USES THEREOF

(57) Abstract: The present invention provides new amino lipids and a convenient method for synthesising these compounds. These (cationic) amino lipids have good properties as transfection agents. The method is an economic versatile two step synthesis allowing the preparation of various amino lipids thus leading to the assembly of a combinatorial library of transfection agents. Moreover, the present invention provides lipid particles (liposomes) containing said amino lipids and their use for delivering bioactive agents into cells. The invention encompasses also the use of lipid particles containing the cationic amino lipids as medicament.



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