

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
19 December 2024 (19.12.2024)



(10) International Publication Number
WO 2024/258300 A1

(51) International Patent Classification:

A61P 27/02 (2006.01) A61K 38/28 (2006.01)
A61P 3/10 (2006.01)

Published:

- with international search report (Art. 21(3))
- with amended claims and statement (Art. 19(1))

(21) International Application Number:

PCT/PH2024/050008

(22) International Filing Date:

13 June 2024 (13.06.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

12023050274 13 June 2023 (13.06.2023) PH

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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, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,
MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA,
NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO,
RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, CV,
GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST,
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, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,
SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

(54) Title: METHOD OF ENHANCING THE SYSTEMIC HYPOGLYCEMIC EFFECT OF TOPICALLY APPLIED INSULIN
WITH THE USE OF PROSTAGLANDIN ANALOGUES: A NOVEL FIXED COMBINATION EYE DROP FORMULATION OF
INSULIN AND PROSTAGLANDIN ANALOGUE FOR THE LOWERING OF BLOOD GLUCOSE LEVEL

(57) Abstract: The present invention specifically relates to a method of increasing the absorption of insulin applied topically to the
eye, through the use of prostaglandin analogues as penetration enhancers, thereby improving its systemic hypoglycemic effect for the
lowering of blood glucose level. In particular, the present invention specifically relates to a composition that is comprised of insulin,
with a prostaglandin analogue as a penetration enhancer, and a set of excipients, in eye drop form that can be applied non-invasively
without the need for an injection.



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