

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
12 January 2023 (12.01.2023)



(10) International Publication Number
WO 2023/283623 A1

(51) International Patent Classification:

A61K 47/68 (2017.01) A61P 21/00 (2006.01)
A61K 31/712 (2006.01) C07K 16/28 (2006.01)
A61K 31/7125 (2006.01) C12N 15/113 (2010.01)
A61K 39/395 (2006.01)

(21) International Application Number:

PCT/US2022/073540

(22) International Filing Date:

08 July 2022 (08.07.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/220,426 09 July 2021 (09.07.2021) US

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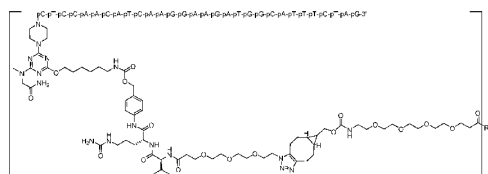
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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, 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, ME, MG, MK, MN, 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, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,

(54) Title: MUSCLE TARGETING COMPLEXES AND FORMULATIONS FOR TREATING DYSTROPHINOPATHIES



(I)

(57) Abstract: Aspects of the disclosure relate to complexes and other aspects relate to formulations (e.g., aqueous, lyophilized forms) comprising such complexes (e.g., wherein each complex is of the exemplary formula shown below) comprising a phosphorodiamidate morpholino oligomer (e.g., useful for targeting DMD) covalently linked to an antibody (e.g., anti-TfR1 antibody). In some embodiments, the complexes are formulated with histidine (e.g., L-histidine) and sucrose at a specified pH (e.g., about 5.0 to 7.0). Also provided are uses of these formulations for treating a subject having a mutated DMD allele associated with Duchenne Muscular Dystrophy. (Formula I)

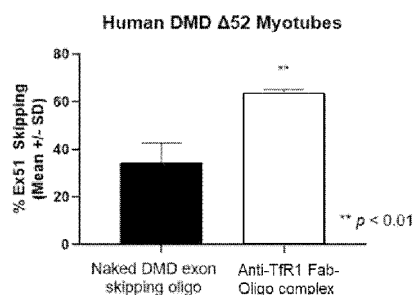


FIG. 1

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[Continued on next page]

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, KM, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report (Art. 21(3))*
- *with sequence listing part of description (Rule 5.2(a))*