

CENTER FOR DRUG EVALUATION AND RESEARCH

Approval Package for:

APPLICATION NUMBER:

761156Orig1s000

Trade Name: **SOGROYA® injection, for subcutaneous use**

Generic or Proper Name: (somapacitan-beco)

Sponsor: Novo Nordisk Inc.

Approval Date: August 28, 2020

Indication: SOGROYA is indicated for the replacement of endogenous growth hormone (GH) in adults with growth hormone deficiency (GHD).

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APPROVAL LETTER

BLA 761156

BLA APPROVAL

Novo Nordisk Inc.
Attention: Nina Liang, PhD
Director, Regulatory Affairs
P.O. Box 846
Plainsboro, NJ 08536

Dear Dr. Liang:

Please refer to your biologics license application (BLA) dated and received August 28, 2019 and your amendments, submitted under section 351(a) of the Public Health Service Act for Sogroya (somapacitan-beco) injection.

LICENSING

We have approved your BLA for Sogroya (somapacitan-beco) effective this date. You are hereby authorized to introduce or deliver for introduction into interstate commerce, Sogroya under your existing Department of Health and Human Services U.S. License No.1261. Sogroya is indicated for replacement of endogenous growth hormone in adults with growth hormone deficiency.

MANUFACTURING LOCATIONS

Under this license, you are approved to manufacture Sogroya drug substance at Novo Nordisk US Bio Production Inc. in West Lebanon, NH. The (b) (4) will be manufactured at (b) (4). The final formulated drug product will be manufactured and filled at Novo Nordisk A/S, Gentofte, Denmark, and assembled, labeled, and packaged at Novo Nordisk A/S, Værløse, Denmark. You may label your product with the proprietary name, Sogroya, and market it in 10 mg/1.5 mL (6.7 mg/mL) in a single-patient-use prefilled pen, injection.

DATING PERIOD

The dating period for Sogroya shall be 24 months from the date of manufacture when stored at 2°C to 8°C. The date of manufacture shall be defined as the date of final sterile filtration of the formulated drug product. The dating period for your drug substance shall be (b) (4) months from the date of manufacture when stored at (b) (4) (b) (4).

Results of ongoing stability should be submitted throughout the dating period, as they become available, including the results of stability studies from the first three production lots.

We have approved the stability protocol in your license application for the purpose of extending the expiration dating period of your drug substance under 21 CFR 601.12.

FDA LOT RELEASE

You are not currently required to submit samples of future lots of Sogroya to the Center for Drug Evaluation and Research (CDER) for release by the Director, CDER, under 21 CFR 610.2. We will continue to monitor compliance with 21 CFR 610.1, requiring completion of tests for conformity with standards applicable to each product prior to release of each lot.

Any changes in the manufacturing, testing, packaging, or labeling of Sogroya, or in the manufacturing facilities, will require the submission of information to your biologics license application for our review and written approval, consistent with 21 CFR 601.12.

APPROVAL & LABELING

We have completed our review of this application, as amended. It is approved, effective on the date of this letter, for use as recommended in the enclosed agreed-upon labeling. With the minor editorial revision listed below and reflected in the enclosed labeling.

- The revision date in the Prescribing Information has been updated to reflect the date of approval

WAIVER OF ½ PAGE LENGTH REQUIREMENT FOR HIGHLIGHTS

We are waiving the requirements of 21 CFR 201.57(d)(8) regarding the length of Highlights of Prescribing Information. This waiver applies to all future supplements containing revised labeling unless we notify you otherwise.

CONTENT OF LABELING

As soon as possible, but no later than 14 days from the date of this letter, submit, via the FDA automated drug registration and listing system (eLIST), the content of labeling [21 CFR 601.14(b)] in structured product labeling (SPL) format, as described at FDA.gov.¹ Content of labeling must be identical to the enclosed labeling (text for the Prescribing Information, Patient Package Insert, and Instructions for Use). Information on submitting SPL files using eLIST may be found in the guidance for industry *SPL Standard for Content of Labeling Technical Qs and As*.²

¹ <http://www.fda.gov/ForIndustry/DataStandards/StructuredProductLabeling/default.htm>

² We update guidances periodically. For the most recent version of a guidance, check the FDA Guidance Documents Database at <https://www.fda.gov/RegulatoryInformation/Guidances/default.htm>.

The SPL will be accessible via publicly available labeling repositories.

CARTON AND CONTAINER LABELING

Submit final printed carton and container labeling that are identical to the enclosed carton and container labeling as soon as they are available, but no more than 30 days after they are printed. Please submit these labeling electronically according to the guidance for industry *Providing Regulatory Submissions in Electronic Format — Certain Human Pharmaceutical Product Applications and Related Submissions Using the eCTD Specifications*. For administrative purposes, designate this submission “**Final Printed Carton and Container Labeling for approved BLA 761156.**” Approval of this submission by FDA is not required before the labeling is used.

ADVISORY COMMITTEE

Your application for Sogroya was not referred to an FDA advisory committee because the application did not raise significant public health questions on the role of the biologic in the diagnosis, cure, mitigation, treatment, or prevention of a disease.

REQUIRED PEDIATRIC ASSESSMENTS

Under the Pediatric Research Equity Act (PREA) (21 U.S.C. 355c), all applications for new active ingredients (which includes new salts and new fixed combinations), new indications, new dosage forms, new dosing regimens, or new routes of administration are required to contain an assessment of the safety and effectiveness of the product for the claimed indication(s) in pediatric patients unless this requirement is waived, deferred, or inapplicable.

We are deferring submission of your pediatric studies because this product is ready for approval for use in adults and the pediatric studies have not been completed.

Your deferred pediatric studies required under section 505B(a) of the Federal Food, Drug, and Cosmetic Act are required postmarketing studies. The status of these postmarketing studies must be reported annually according to 21 CFR 601.28 and section 505B(a)(4)(C) of the Federal Food, Drug, and Cosmetic Act.

These required studies are listed below.

- 3890-1 Complete ongoing study NN8640-4172, a 1-year phase 2, randomized, open-label, active-control, dose-finding trial, to investigate efficacy and safety of once-weekly somapacitan versus daily Norditropin (somatropin) in pre-pubertal children with Growth Hormone Deficiency (GHD) (boys ≥ 2.5 and ≤ 10 years of age, and girls ≥ 2.5 and ≤ 9 years of age) followed by a 2-year single-arm period to evaluate safety in this cohort, and a 4-year single-arm period that also enrolls cohorts of younger children with GHD (boys and girls < 2.5 years of age) and older children with GHD (boys > 10 and ≤ 17 years of age, and girls > 9 and ≤ 17 years of age) to evaluate safety in all three cohorts.

Study Completion: October 2024

Final Report Submission: March 2025

- 3890-2 Complete ongoing study NN8640-4263, a 1-year phase 3 randomized, parallel group, open-label trial, to evaluate the efficacy and safety of once weekly somapacitan versus daily Norditropin (somatropin) in pre-pubertal pediatric patients (boys ≥ 2.5 and ≤ 10 years of age, and girls ≥ 2.5 and ≤ 9 years of age) with GHD, followed by a 3-year single-arm extension period to evaluate long-term safety.

Study Completion: December 2024

Final Report Submission: May 2025

Submit protocol amendments to your IND 116327 with a cross-reference letter to this BLA. Reports of these required pediatric postmarketing studies must be submitted as a biologics license application (BLA) or as a supplement to your approved BLA with the proposed labeling changes you believe are warranted based on the data derived from these studies. When submitting the reports, please clearly mark your submission **"SUBMISSION OF REQUIRED PEDIATRIC ASSESSMENTS"** in large font, bolded type at the beginning of the cover letter of the submission.

PROMOTIONAL MATERIALS

You may request advisory comments on proposed introductory advertising and promotional labeling. For information about submitting promotional materials, see the final guidance for industry *Providing Regulatory Submissions in Electronic and Non-Electronic Format-Promotional Labeling and Advertising Materials for Human Prescription Drugs*.³

³ For the most recent version of a guidance, check the FDA guidance web page at <https://www.fda.gov/media/128163/download>.

You must submit final promotional materials and Prescribing Information, accompanied by a Form FDA 2253, at the time of initial dissemination or publication [21 CFR 314.81(b)(3)(i)]. Form FDA 2253 is available at FDA.gov.⁴ Information and Instructions for completing the form can be found at FDA.gov.⁵

REPORTING REQUIREMENTS

You must submit adverse experience reports under the adverse experience reporting requirements for licensed biological products (21 CFR 600.80). Prominently identify all adverse experience reports as described in 21 CFR 600.80.

You must submit distribution reports under the distribution reporting requirements for licensed biological products (21 CFR 600.81).

You must submit reports of biological product deviations under 21 CFR 600.14. You should promptly identify and investigate all manufacturing deviations, including those associated with processing, testing, packing, labeling, storage, holding and distribution. If the deviation involves a distributed product, may affect the safety, purity, or potency of the product, and meets the other criteria in the regulation, you must submit a report on Form FDA 3486 to:

Food and Drug Administration
Center for Drug Evaluation and Research
Division of Compliance Risk Management and Surveillance
5901-B Ammendale Road
Beltsville, MD 20705-1266

Biological product deviations, sent by courier or overnight mail, should be addressed to:

Food and Drug Administration
Center for Drug Evaluation and Research
Division of Compliance Risk Management and Surveillance
10903 New Hampshire Avenue, Bldg. 51, Room 4207
Silver Spring, MD 20903

POST APPROVAL FEEDBACK MEETING

New molecular entities and new biological products qualify for a post approval feedback meeting. Such meetings are used to discuss the quality of the application and to evaluate the communication process during drug development and marketing application review. The purpose is to learn from successful aspects of the review process and to identify areas that could benefit from improvement. If you would like to have such a meeting with us, call the Regulatory Project Manager for this application.

⁴ <http://www.fda.gov/downloads/AboutFDA/ReportsManualsForms/Forms/UCM083570.pdf>

⁵ <http://www.fda.gov/downloads/AboutFDA/ReportsManualsForms/Forms/UCM375154.pdf>

If you have any questions, call Linda Galgay, Regulatory Project Manager, at (301) 796-5383.

Sincerely,

{See appended electronic signature page}

Ilan Irony, M.D.
Acting Deputy Director
Office of Cardiology, Hematology,
Endocrinology, and Nephrology
Center for Drug Evaluation and Research

ENCLOSURES:

- Content of Labeling
 - o Prescribing Information
 - o Patient Package Insert
 - o Instructions for Use
- Carton and Container Labeling

This is a representation of an electronic record that was signed electronically. Following this are manifestations of any and all electronic signatures for this electronic record.

/s/

ILAN IRONY
08/28/2020 10:03:42 AM