UNITED STATES SECURITIES
AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the Month of March 2022

Commission File Number: 001-39545

Orphazyme A/S

(Translation of registrant's name into English)

Ole Maaløes Vej 3, DK-2200
Copenhagen N
Denmark
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:
☒ Form 20-F ☐ Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ☐

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ☐

INCORPORATION BY REFERENCE

This Report on Form 6-K (the "Report") and Exhibit 99.1 to this Report shall be deemed to be incorporated by reference into the registration statements of Orphazyme A/S (the "Company") on Form S-8 (File nos. 333-249407 and 333-255661) and Form F-3 (File no. 333-260283) and to be a part thereof from the date on which this Report is filed, to the extent not superseded by documents or reports subsequently furnished.

EXHIBIT LIST

Exhibit	Description
99.1	Company announcement dated March 31, 2022

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Orphazyme A/S

Date: March 31, 2022

By: /s/ Anders Vadsholt
Name Anders Vadsholt
Title: Chief Executive Officer
and Chief Financial Officer

Orphazyme A/S in restructuring
Company announcement
No. 16/2022
Ole Maaløes Vej 3, DK-2200 Copenhagen N
www.orphazyme.com
Company Registration No. 32266355

Voluntary delisting of ADSs has become effective

Copenhagen, Denmark, March 31, 2022 – Orphazyme A/S in restructuring (ORPHA.CO) ("Orphazyme" or the "Company"), a late-stage biopharmaceutical company, today announces that following the Company's voluntary delisting of the Company's American Depositary Shares ("ADSs") representing its ordinary shares from Nasdaq Global Select Market ("Nasdaq Global") (please see company announcement no. 12/2022) has become effective on March 31, 2022.

Following the delisting of the Company's ADSs from Nasdaq Global, the Company has filed a Form 15 with the Securities and Exchange Commission ("SEC") to suspend its reporting obligations under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), in respect of the ADS. The Company expects that the deregistration of the ADSs will become effective 90 days after the filing of the Form 25 with the SEC, which occurred on March 21, 2022.

The Company has also submitted a No Action Request to the SEC to obtain relief from filing the Company's annual report on Form 20-F with the SEC for the financial year ended December 31, 2021, and certain other remaining reporting obligations under the Exchange Act.

For additional information, please contact

Orphazyme A/S in restructuring

Anders Vadsholt, Chief Executive Officer and Chief Financial Officer +45 2898 9055

About Orphazyme
Orphazyme is a late-stage biopharmaceutical company developing arimoclomol for Niemann-Pick disease type C (NPC). Orphazyme is headquartered in Denmark. Orphazyme's shares are listed on Nasdaq Copenhagen (ORPHA).

About arimoclomol
Arimoclomol is an investigational drug candidate that amplifies the production of heat shock proteins (HSPs). HSPs can rescue defective misfolded proteins and improve the function of lysosomes. Arimoclomol is administered orally, and has now been studied in 10 Phase 1, four Phase 2, and three pivotal Phase 2/3 trials. Arimoclomol has received Orphan Drug Designation (ODD) for NPC in the US and EU. Arimoclomol has received Fast-Track Designation (FTD), Breakthrough Therapy Designation (BTD), and Rare Pediatric Disease Designation (RPDD) from the U.S. Food and Drug Administration (FDA) for NPC. On June 17, 2021, Orphazyme received a Complete Response Letter from the FDA regarding its New Drug Application for arimoclomol for the treatment of NPC. The Company plans to request a Type C Meeting with the FDA in Q2 2022.

Forward-looking statement
This company announcement may contain certain forward-looking statements under the U.S. Private Securities Litigation Reform Act of 1995 and otherwise, including forward-looking statements about the deregistration of the ADSs and the underlying ordinary shares with the SEC. Although the Company believes its expectations are based on reasonable assumptions, all statements other than statements of historical fact included in this company announcement about future events are subject to (i) change without notice and (ii) factors beyond the Company's control, including pursuant to regulatory intervention. Except as required by law, the Company assumes no obligation to update these forward-looking statements publicly, or to update the reasons actual results could differ materially from those anticipated in the forward-looking statements, even if new information becomes available in the future.