

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

**Post-Effective Amendment No. 9  
to  
Form S-11  
FOR REGISTRATION UNDER THE SECURITIES ACT OF 1933  
OF SECURITIES OF CERTAIN REAL ESTATE COMPANIES**

**Starwood Real Estate Income Trust, Inc.**  
(Exact Name of Registrant as Specified in Governing Instruments)

2340 Collins Avenue  
Miami Beach, FL 33139  
(305) 695-5500  
(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

Starwood REIT Advisors,  
L.L.C.  
Barry S. Sternlicht  
2340 Collins Avenue  
Miami Beach, FL 33139  
(305) 695-5500  
(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent for Service)

*With a copy to:*

Jason W. Goode  
Lindsey L. G. Magaro  
Alston & Bird LLP  
1201 W. Peachtree Street NW  
Atlanta, GA 30309  
(404) 881-7000

**Approximate date of commencement of proposed sale to the public:** As soon as practicable after this registration statement becomes effective.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box. ☒

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☒ Registration No. 333-262589

If delivery of the prospectus is expected to be made pursuant to Rule 434, check the following box. ☐

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ☐  
Non-accelerated filer ☒  
Emerging Growth Company ☐

Accelerated filer ☐  
Smaller reporting company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act. ☐

### **EXPLANATORY NOTE**

This Post-Effective Amendment No. 9 to the Registration Statement on Form S-11 (No. 333-262589) is filed pursuant to Rule 462(d) solely to add exhibits not previously filed with respect to such Registration Statement.

## PART II

### Information Not Required in the Prospectus

#### Item 36. Financial Statements and Exhibits.

##### 2. Exhibits.

The following exhibits are filed as part of this registration statement:

| <b>Exhibit<br/>Number</b> | <b>Description</b>               |
|---------------------------|----------------------------------|
| 23.1*                     | Consent of Deloitte & Touche LLP |

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\* Filed herewith.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-11 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Washington, D.C. on June 13, 2025.

### Starwood Real Estate Income Trust, Inc.

By: /s/ Sean Harris  
Sean Harris  
Chief Executive Officer, President and Director

Pursuant to the requirements of the Securities Act of 1933, as amended, this Form S-11 Registration Statement has been signed by the following persons in the following capacities on June 13, 2025.

| <u>Signature</u>                        | <u>Title</u>  |
|---|---|
| <u>/s/ Sean Harris</u><br>Sean Harris   | Chief Executive Officer, President and Director<br>(principal executive officer)                        |
| <u>/s/ Joseph Nieto</u><br>Joseph Nieto | Chief Financial Officer and Treasurer (principal financial officer<br>and principal accounting officer) |
| <u>*</u><br>Barry S. Sternlicht         | Chairman of the Board   |
| <u>*</u><br>Jonathan Pollack            | Director  |
| <u>*</u><br>Andres Panza                | Director  |
| <u>*</u><br>Austin Nowlin               | Director  |
| <u>*</u><br>Richard D. Bronson          | Independent Director  |
| <u>*</u><br>David B. Henry              | Independent Director  |
| <u>*</u><br>Robin Josephs               | Independent Director  |
| <u>*</u><br>Peggy Lamb                  | Independent Director  |
| <u>*</u><br>Dale Anne Reiss             | Independent Director  |
| <u>*</u><br>James E. Walker             | Independent Director  |

\*By: /s/ Matthew S. Guttin  
Matthew S. Guttin  
Attorney-in-fact

## **CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We consent to the use in this Registration Statement No. 333-262589 on Form S-11 of our report dated March 21, 2025 (except for the effects of the change in reportable segments as discussed in Note 15, as to which the date is June 13, 2025), relating to the financial statements of Starwood Real Estate Income Trust, Inc., appearing in the Prospectus Supplement No. 4, which is part of this Registration Statement. We also consent to the reference to us under the heading “Experts” in such Registration Statement.

/s/ Deloitte & Touche LLP

New York, New York  
June 13, 2025