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**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 OF  
THE SECURITIES EXCHANGE ACT OF 1934**

For the month of March 2015

Commission File Number 001-36575

**MACROCURE LTD.**

(Translation of Registrant's name into English)

**25 Hasivim Street**

**Petach Tikva 4959383, Israel**

(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): ☐

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**EXPLANATORY NOTE**

On March 17, 2015, Macrocare Ltd. issued a press release providing a corporate update and announcing its financial results for the fourth quarter and full year period ended December 31, 2014. A copy of the press release is attached to this Report of Foreign Private Issuer on Form 6-K as Exhibit 99.1.

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## 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.

MACROCURE LTD.

By: /s/ Mark Page

Name: Mark Page

Title: Chief Financial Officer

Date: March 17, 2015

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## Exhibit Index

Exhibit No.	Description
99.1	Press release issued by Macrocare Ltd. on March 17, 2015, providing a corporate update and announcing its financial results for the fourth quarter and full year period ended December 31, 2014.

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