

MEDICURE INC  
Form 6-K  
September 26, 2012

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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  
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of September, 2012

Commission File Number: 001-31995

MEDICURE INC.  
(Translation of registrant's name into English)

2-1250 Waverley Street  
Winnipeg, MB Canada R3T 6C6  
(Address of principal executive offices)

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):

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82 \_\_\_\_.

### EXHIBIT LIST

Exhibit  
99.1

MEDICURE ANNOUNCES DEVELOPMENT OF NOVEL AGGRASTAT  
FORMULATION

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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.

Medicure Inc.  
(Registrant)

Date: September 26, 2012

By:

/s/ Dawson Reimer

Dawson Reimer  
Title: President & COO