

MEDICURE INC  
Form 6-K  
May 10, 2005

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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 **May, 2005**

Commission File Number: **000-31092**

**MEDICURE INC.**

(Translation of registrant's name into English)

**4-1200 Waverley Street  
Winnipeg, MB Canada R3T 0P4**  
(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 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-

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**SUBMITTED HEREWITH**

Exhibits

99.1 Press Release dated May 5, 2005

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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.**

Date: May 5, 2005

By: /s/ Dr. Albert D. Friesen  
Dr. Albert D. Friesen  
*President & CEO*

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