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

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): July 16, 2010**

**CYCLACEL PHARMACEUTICALS, INC.**

(Exact name of registrant as specified in its charter)

<b>Delaware</b> (State or other Jurisdiction of Incorporation)	<b>0-50626</b> (Commission File Number)	<b>91-1707622</b> (IRS Employer Identification No.)
<b>200 Connell Drive, Suite 1500</b> <b>Berkeley Heights, NJ</b> (Address of Principal Executive Offices)		<b>07922</b> (Zip Code)

Registrant's telephone number, including area code: **(908) 517-7330**

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(Former name or former address if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 3.03 Material Modification to Rights of Security Holders.**

On July 16, 2010, the Board of Directors (the “**Board**”) of Cyclacel Pharmaceuticals, Inc. (the “**Company**”) decided not to declare the quarterly cash dividend on the Company’s 6% Convertible Exchangeable Preferred Stock (the “**Preferred Stock**”) with respect to the second quarter of 2010 that would have otherwise been payable on August 1, 2010.

As previously disclosed, the Board also did not declare the quarterly cash dividend with respect to each of the four quarters of fiscal year 2009 and the first and second quarters of 2010. To the extent that any dividends payable on the Preferred Stock are not paid, such unpaid dividends are accrued. As the Company has failed to pay in an aggregate amount equal to at least six quarterly dividends (whether or not consecutive) on the Preferred Stock, the size of the Company’s Board could be increased by two members and the holders of the Preferred Stock, voting separately as a class, will have the right to vote to fill the two vacancies created thereby until the Company pays all accrued but unpaid dividends, at which time such right is terminated.

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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.

### CYCLACEL PHARMACEUTICALS, INC.

By: /s/ Paul McBarron  
Name: Paul McBarron  
Title: Executive Vice President—Finance,  
Chief Financial Officer and Chief  
Operating Officer

Date: July 20, 2010