

BioMed Realty Trust Inc  
Form 8-A12B  
January 17, 2007

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

**FORM 8-A  
FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
Pursuant to Section 12(b) or 12(g) of the  
Securities Exchange Act of 1934  
BioMed Realty Trust, Inc.**

(Exact name of registrant as specified in its charter)

**Maryland**

(State of incorporation or organization)

**20-1142292**

(I.R.S. Employer  
Identification Number)

**17140 Bernardo Center Drive, Suite 222  
San Diego, California**

(Address of principal executive offices)

**92128**

(Zip Code)

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), please check the following box.

Securities Act registration statement file number to which this form relates: 333-137376  
Securities to be registered pursuant to Section 12(b) of the Act:

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), please check the following box.

Securities Act registration statement file number to which this form relates: 333-137376

Securities to be registered pursuant to Section 12(g) of the Act:

Title of Each Class  
to be so Registered

Name of Each Exchange on Which  
Each Class is to be Registered

Series A Cumulative Redeemable Preferred  
Stock, par value \$0.01 per share<sup>1</sup>

The New York Stock Exchange

Securities to be registered pursuant to Section 12(g) of the Act:

None  
(Title of Class)

<sup>1</sup> Application has been made for listing pursuant to the requirements of The New York Stock Exchange.

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**INFORMATION REQUIRED IN REGISTRATION STATEMENT**

**Item 1. Description of Registrant's Securities to be Registered.**

A description of the 7.375% Series A Cumulative Redeemable Preferred Stock, liquidation preference \$25.00 per share, to be registered hereunder is contained in the section entitled "Description of Preferred Stock" of the Prospectus included in the Registrant's Form S-3 under the Securities Act of 1933, as amended (the "Securities Act"), filed with the Securities and Exchange Commission (the "Commission") on September 15, 2006 (File No. 333-137376), which was effective upon filing with the Commission, and as supplemented and, in certain cases, amended by the information in the section entitled "Description of Series A Preferred Stock" of the Prospectus Supplement dated January 10, 2007 and filed with the Commission on January 11, 2007, pursuant to Rule 424(b) of the Securities Act. Such description, as so amended and supplemented, is incorporated herein by reference.

**Item 2. Exhibits.**

<b>Exhibit Number</b>	<b>Description of Exhibit</b>
3.1(1)	Articles of Amendment and Restatement of BioMed Realty Trust, Inc.
3.2(1)	Amended and Restated Bylaws of BioMed Realty Trust, Inc.
3.3(2)	Articles Supplementary Classifying BioMed Realty Trust, Inc.'s 7.375% Series A Cumulative Redeemable Preferred Stock.
4.1(2)	Form of Certificate for BioMed Realty Trust, Inc.'s 7.375% Series A Cumulative Redeemable Preferred Stock.

(1) Incorporated herein by reference to BioMed Realty Trust, Inc.'s Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on September 20, 2004.

(2) Filed herewith.

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**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

Dated: January 17, 2007

BIOMED REALTY TRUST, INC.

By: /s/ KENT GRIFFIN

Name: Kent Griffin

Title: Chief Financial Officer

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