

BioMed Realty Trust Inc  
Form SC 13G/A  
February 14, 2008

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549  
SCHEDULE 13G  
Under the Securities Exchange Act of 1934  
(Amendment No. 1)  
BioMed Realty Trust, Inc.**

**(Name of Issuer)  
Ordinary Shares**

**(Title of Class of Securities)  
09063H107**

**(CUSIP Number)  
December 31, 2007**

**(Date of Event Which Requires Filing of this Statement)**

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
  - Rule 13d-1(c)
  - Rule 13d-1(d)
-

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NAME OF REPORTING PERSONS

1

ING Groep N.V.

S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

2

Not Applicable

(a)

(b)

SEC USE ONLY

3

CITIZENSHIP OR PLACE OF ORGANIZATION

4

The Netherlands

SOLE VOTING POWER

5

NUMBER OF 3,242,453 <sup>1 2</sup>

SHARED VOTING POWER

6

SHARES BENEFICIALLY OWNED BY 0

SOLE DISPOSITIVE POWER

7

EACH REPORTING PERSON 3,242,453 <sup>1 2</sup>

SHARED DISPOSITIVE POWER

8

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

3,242,453

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  
Not Applicable

**10**

o

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

**11**

4.95%

TYPE OF REPORTING PERSON

**12**

HC

<sup>1</sup> 3,201,613 of these shares are held by indirect subsidiaries of ING Groep N.V. in their role as a discretionary manager of client portfolios.

<sup>2</sup> 40,840 of these shares are held by indirect subsidiaries of ING Groep N.V. in their role as trustee.

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**Item 1(a). Name of Issuer:**

BioMed Realty Trust, Inc.

**Item 1(b). Address of Issuer's Principal Executive Offices:**

17149 Bernardo Center Drive  
Suite 222  
San Diego, CA 92128

**Item 2(a). Name of Person Filing:**

ING Groep N.V.

**Item 2(b). Address of Principal Business Office or, if None, Residence:**

Amstelveenseweg 500  
1081 KL Amsterdam  
P.O. Box 810  
1000 AV Amsterdam  
The Netherlands

**Item 2(c). Citizenship:**

See item 4 on Page 2

**Item 2(d). Title of Class of Securities:**

Ordinary Shares

**Item 2(e). CUSIP Number:**

09063H107

**Item 3. If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:** (Not Applicable)

- (a)  Broker or dealer registered under Section 15 of the Securities Exchange Act of 1934, as amended (the Exchange Act );
- (b)  Bank as defined in Section 3(a)(6) of the Exchange Act;
- (c)  Insurance company as defined in Section 3(a)(19) of the Exchange Act;
- (d)  Investment company registered under Section 8 of the Investment Company Act of 1940, as amended (the Investment Company Act );

(e) o Investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E) under the Exchange Act;

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- (f) o Employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F) under the Exchange Act;
- (g) o Parent holding company or control person in accordance with Rule 13d-1(b)(ii)(G) under the Exchange Act;
- (h) o Savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;
- (i) o Church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act;
- (j) o Group in accordance with Rule 13d-1(b)(1)(ii)(J) under the Exchange Act.

**Item 4. Ownership.**

- (a) Amount beneficially owned:

See item 9 on Page 2

- (b) Percent of class:

See item 11 on Page 2

- (c) Number of shares as to which such person has:

- (i) Sole power to vote or to direct the vote:

See item 5 on Page 2

- (ii) Shared power to vote or to direct the vote:

See item 6 on Page 2

- (iii) Sole power to dispose or to direct the disposition of:

See item 7 on Page 2

- (iv) Shared power to dispose or to direct the disposition of:

See item 8 on Page 2

**Item 5. Ownership of Five Percent or Less of a Class.**

Not Applicable

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**Item 6. Ownership of More than Five Percent on Behalf of Another Person.**

Not Applicable

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.**

Not Applicable

**Item 8. Identification and Classification of Members of the Group.**

Not Applicable

**Item 9. Notice of Dissolution of Group.**

Not Applicable

**Item 10. Certification.**

By signing below we certify that, to the best of our knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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**SIGNATURE**

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After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 14, 2008

(Date)

ING GROEP N.V.

By:

/s/ Eric E. Ribbers

(Signature)

Eric E. Ribbers  
Senior Compliance Officer

(Name/Title)

/s/ Carl-Eric M. Rasch

(Signature)

Carl-Eric M. Rasch  
Head of Compliance, Regulator & Industry Body  
Liaison Netherlands

(Name/Title)