

Radius Health, Inc.  
Form 4  
December 16, 2011

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**GADICKE ANSBERT**

(Last) (First) (Middle)

**C/O MPM ASSET  
MANAGEMENT, 200  
CLARENDON ST., 54TH FLOOR**

(Street)

**BOSTON, MA 02116**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**Radius Health, Inc. [NONE]**

3. Date of Earliest Transaction  
(Month/Day/Year)  
**12/14/2011**

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)		
				(A) or (D)	Code	V	Amount	(D)	Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	4. Transaction	5. Number of Derivative	6. Date Exercisable and Expiration Date	7. Title and Amount of Underlying Securities
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Security (Instr. 3)	or Exercise Price of Derivative Security	any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)	(Instr. 3 and 4)				
			Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount of Number of Shares
Series A-1 Convertible Preferred Stock	(1)	12/14/2011	A		3,437		12/14/2011	(1)	Common Stock	34,370
Series A-1 Convertible Preferred Stock	(1)	12/14/2011	A		51,119		12/14/2011	(1)	Common Stock	511,190
Series A-1 Convertible Preferred Stock	(1)	12/14/2011	A		4,320		12/14/2011	(1)	Common Stock	43,200
Series A-1 Convertible Preferred Stock	(1)	12/14/2011	A		1,543		12/14/2011	(1)	Common Stock	15,430
Series A-1 Convertible Preferred Stock	(1)	12/14/2011	A		989		12/14/2011	(1)	Common Stock	9,890
Series A-1 Convertible Preferred Stock	(1)	12/14/2011	A		30,268		12/14/2011	(1)	Common Stock	302,680

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GADICKE ANSBERT C/O MPM ASSET MANAGEMENT 200 CLARENDON ST., 54TH FLOOR BOSTON, MA 02116	X	X		

## Signatures

/s/ Ansbert  
Gadicke

12/16/2011

Signature of  
Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Each share of the Series A-1 Convertible Preferred Stock has no expiration date and is convertible at any time, in whole or in part, at the election of the holder at a conversion rate of 10 shares of Common Stock for every 1 share of Series A-1 Convertible Preferred Stock.  

The reported securities are owned directly by MPM BioVentures III, L.P. ("BV III"). MPM BioVentures III GP, L.P. ("MPM III GP") and MPM BioVentures III LLC ("MPM III LLC") are the direct and indirect general partners of BV III. The reporting person is a member of MPM III LLC. The reporting person disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein.
- (2) The reported securities are owned directly by MPM BioVentures III-QP, L.P. ("BV III QP"). MPM III GP and MPM III LLC are the direct and indirect general partners of BV III QP. The reporting person is a member of MPM III LLC. The reporting person disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein.
- (3) The reported securities are owned directly by MPM BioVentures III GmbH & Co. Beteiligungs KG ("BV KG"). MPM III GP and MPM III LLC are the direct and indirect general partners of BV KG. The reporting person is a member of MPM III LLC. The reporting person disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein.
- (4) The reported securities are owned directly by MPM BioVentures III Parallel Fund, L.P. ("BV Parallel"). MPM III GP and MPM III LLC are the direct and indirect general partners of BV Parallel. The reporting person is a member of MPM III LLC. The reporting person disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein.
- (5) The reported securities are owned directly by MPM Asset Management Investors 2003 BVIII LLC ("AM 2003"). The reporting person is a member of AM 2003. The reporting person disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein.
- (6) The reported securities are owned directly by MPM Bio IV NVS Strategic Fund, L.P. ("MPM NVS"). MPM BioVentures IV GP LLC and MPM BioVentures IV LLC ("BV IV LLC") are the direct and indirect general partners of MPM NVS. The reporting person is a member of BV IV LLC. The reporting person disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein.
- (7)

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.