ACHILLION PHARMACEUTICALS INC Form SC 13G/A February 13, 2018

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934

(Amendment No. 2)*

Achillion Pharmaceuticals, Inc. (Name of Issuer)

Common Stock (Title of Class of Securities)

00448Q201 (CUSIP Number)

December 31, 2017 (Date of Event Which Requires Filing of this Statement)

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

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

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 00448Q201			SCHEDULE 13G/A	Page 2 of 8 Pages			
			EDCONC				
1	NAME OF REPORTING PERSONS						
	OrbiMed Advisors LLC						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) o (b) o						
3	SEC USE ONLY	7					
4	CITIZENSHIP C	OR PLACE	OF ORGANIZATION				
-	Delaware						
		5	SOLE VOTING POWER				
NUMBER OF		5	0				
В	SHARES ENEFICIALLY	6	SHARED VOTING POWER	र			
	OWNED BY EACH	0	3,234,800				
	REPORTING	7	SOLE DISPOSITIVE POW	ER			
PERSON WITH		1	0				
		8	SHARED DISPOSITIVE PO	OWER			
		0	3,234,800				
0	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
9	3,234,800						
10	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o SHARES						
	DEDCENT OF CLASS DEDDESENTED BY AMOUNT IN DOW (0)						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)						
	2.35%						
12	TYPE OF REPORTING PERSON						
	IA						

CUS	SIP No. 00448Q201	S	CHEDULE 13G/A	Page 3 of 8 Pages				
1	NAME OF REPO	ORTING PER	RSONS					
1	OrbiMed Capital LLC							
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) o (b) o							
3	SEC USE ONLY	7						
4	CITIZENSHIP C	OR PLACE O	F ORGANIZATION					
	Delaware							
		5	SOLE VOTING POW	/ER				
	NUMBER OF	C	0					
]	SHARES BENEFICIALLY		SHARED VOTING P	OWER				
OWNED BY		6	4,936,173					
]	EACH REPORTING	7	SOLE DISPOSITIVE	POWER				
	PERSON		0					
WITI	п		5 SHARED DISPOSITI	VF POWFR				
		8						
			4,936,173					
9	AGGREGATE A	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
-	4,936,173							
10	CHECK IF THE SHARES	CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN o SHARES						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)							
	3.58%	3.58%						
12	TYPE OF REPORTING PERSON							
	IA							

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Item 1. (a) Name of Issuer:		
Achillion Pharmaceuticals, Inc.		
	(b) Address of Issuer's Prin	ncipal Executive Offices:
300 George Street		
New Haven, CT 06511		
Item 2.	(a) Nam	e of Person Filing:
OrbiMed Advisors LLC		
OrbiMed Capital LLC		
	(b) Address of Princ	ipal Business Office:
601 Lexington Avenue, 54th Flo	oor	
New York, NY 10022		
	(c)	Citizenship:
Please refer to Item 4 on each co	over page for each Reporting Person.	
	(d) Title of C	lass of Securities:
Common Stock		
	(e)	CUSIP No.:
00448Q201		

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Item 3.

OrbiMed Advisors LLC ("Advisors") and OrbiMed Capital LLC ("Capital") are investment advisors in accordance with ss.240.13d-1(b)(1)(ii)(E). Samuel D. Isaly, who was previously identified as a reporting person eligible to report on Schedule 13G as a control person in accordance with ss.240.13d-1(b)(1)(ii)(G), has ceased to be the beneficial owner of more than five percent of the outstanding Common Stock.

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Item 4. Ownership:

Information with respect to the Reporting Person's ownership as of December 31, 2017 is incorporated by reference to items (5) - (9) and (11) of the cover page for the Reporting Person.

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

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

Reporting persons are holding 5.93% (2.35% in the case of Advisors and 3.58% in the case of Capital) of the shares in the aggregate on behalf of other persons who have the right to receive or the power to direct the receipt of dividends from, or proceeds from the sale of, such securities. No one such other person's interest in the securities whose ownership is reported here relates to more than five percent of the class. Advisors and Capital exercise investment and voting power over the shares through a management committee comprised of Carl L. Gordon, Sven H. Borho and Jonathan T. Silverstein, each of whom disclaims beneficial ownership of the Common Stock reported herein. Neither reporting person beneficially owns more than 5% of the outstanding Common Stock. Advisors disclaims beneficial ownership of the shares held indirectly by Capital, and Capital disclaims beneficial ownership of the shares held indirectly by Advisors.

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 I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and held in the ordinary course of business and 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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SIGNATURES

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.

Dated: February 13, 2018

OrbiMed Advisors LLC

By:/s/ Jonathan T. Silverstein Name: Jonathan T. Silverstein Title: Member of OrbiMed Advisors LLC

By:/s/ Sven H. Borho Name: Sven H. Borho Title: Member of OrbiMed Advisors LLC

By:/s/ Carl L. Gordon Name: Carl L. Gordon Title: Member of OrbiMed Advisors LLC

OrbiMed Capital LLC

By:/s/ Jonathan T. Silverstein Name: Jonathan T. Silverstein Title: Member of OrbiMed Capital LLC

By:/s/ Sven H. Borho Name: Sven H. Borho Title: Member of OrbiMed Capital LLC

By:/s/ Carl L. Gordon Name: Carl L. Gordon Title: Member of OrbiMed Capital LLC CUSIP No. 00448Q201

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EXHIBIT A

JOINT FILING AGREEMENT

The undersigned hereby agree that the Statement on this Schedule 13G/A dated February 13, 2018 (the "Schedule 13G/A"), with respect to the Common Stock, par value \$0.001 per share, of Achillion Pharmaceuticals, Inc. is filed on behalf of each of us pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, and that this Agreement shall be included as an Exhibit to this Schedule 13G/A. Each of the undersigned agrees to be responsible for the timely filing of the Schedule 13G/A, and for the completeness and accuracy of the information concerning itself contained therein. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of February 13, 2018.

OrbiMed Advisors LLC

By:/s/ Jonathan T. Silverstein Name: Jonathan T. Silverstein Title: Member of OrbiMed Advisors LLC

By:/s/ Sven H. Borho Name: Sven H. Borho Title: Member of OrbiMed Advisors LLC

By:/s/ Carl L. Gordon Name: Carl L. Gordon Title: Member of OrbiMed Advisors LLC

OrbiMed Capital LLC

By:/s/ Jonathan T. Silverstein Name: Jonathan T. Silverstein Title: Member of OrbiMed Capital LLC

By:/s/ Sven H. Borho Name: Sven H. Borho

Title: Member of OrbiMed Capital LLC

By:/s/ Carl L. Gordon Name: Carl L. Gordon Title: Member of OrbiMed Capital LLC

The Statement on this Schedule 13G/A dated February 13, 2018 with respect to the Common Stock of Achillion Pharmaceuticals, Inc. is filed by OrbiMed Advisors LLC and OrbiMed Capital LLC in accordance with the provisions of Rule 13d-1(b) and Rule 13d-1(k), respectively, as investment advisors (IA).