UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2 (b) (Amendment No.)*

			Inogen, Inc.				
			(Name of Issuer)				
	Common Stock						
			(Title of Class of Securities)				
			45780L104				
			(CUSIP Number)				
			December 31, 2014				
			(Date of Event Which Requires Filing of this Statement)				
Check the ar	propr	iate bo	ox to designate the rule pursuant to which this Schedule is filed:				
		13d-1					
	Rule	13d-1	(c)				
×		: 13d-1					
The informa Securities Ex	nd for tion re xchang	any su equirec ge Act	over page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of besquent amendment containing information which would alter disclosures provided in a prior cover page. I on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other wever, see the Notes).				
CUSIP No.			13G				
1			eporting Persons. iliates Fund II-A, L.P.				
2	Checl	k the A	appropriate Box if a Member of a Group*				
_	(a)		ppropriate Zon n a manical of a Group				
	(b)	_ ⊠ (1)				
3	SEC	Use O	nly				
	Citizenship or Place of Organization Delaware, United States of America						
		5	Sole Voting Power 31,334 shares of Common Stock (2)				
Number of Shares Beneficially	7	6	Shared Voting Power 0 shares				
Owned by Each Reporting Person With	wned by ch eporting 7 Sole Dispositive Power						

	8	Shared Dispositive Power 0 shares					
9	Aggregate Amount Beneficially Owned by Each Reporting Person 31,334 shares of Common Stock (2)						
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □						
11	Percent of Class Represented by Amount in Row 9 0.2% (3)						
12	Type of Rep PN	Type of Reporting Person*					
L.P., a D Ventures Jaffe ("R Charles I WJL, DH "group" (2) VV II se BJB, CM VAF II-2 therein. Schedule (3) This per	belaware limit is II, LLC, a D AJ"), Williar M. Warden (" BM, RBR, BJ for purposes rives as the so IW and BNL A; however, t The informat is 13G is provi- centage is cal	filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, ed partnership ("VSF II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant elaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. m J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, B and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a of this Schedule 13G. The Reporting Persons of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, RBR, are managing directors and/or members of VV II and share voting and dispositive power over the shares held by hey disclaim beneficial ownership of the shares held by VAF II-A except to the extent of their pecuniary interests ion with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on ided as of December 31, 2014. culated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the 0-Q filed with the Securities and Exchange Commissions on November 12, 2014.					
		2					
CUSIP No.	45780L104	13G					
1	Names of Ro Versant Side	eporting Persons. Fund II, L.P.					
2	Check the Appropriate Box if a Member of a Group* (a) □ (b) ⊠ (1)						
3	SEC Use Only						
4		or Place of Organization inited States of America					
	5	Sole Voting Power 14,764 shares of Common Stock (2)					
Number of Shares	6	Shared Voting Power 0 shares					
Beneficially Owned by Each Reporting	y 7	Sole Dispositive Power 14,764 shares of Common Stock (2)					
Person Wit	h						

			0 shares			
9	Aggregate Amount Beneficially Owned by Each Reporting Person 14,764 shares of Common Stock (2)					
10	Check	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □				
11	Percent of Class Represented by Amount in Row 9 0.1% (3)					
12	Type of Reporting Person* PN					
L.P., a D Ventures Jaffe ("R Charles WJL, DI "group" (2) VV II se BJB, CM VSF II; I therein. Scheduk (3) This per	(1) This Schedule 13G is filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, L.P., a Delaware limited partnership ("VVC II"), Versant Venture SII, L.P., a Delaware limited partnership ("VVC II"), Versant Ventures II, LLC, a Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, WJL, DBM, RBR, BJB and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G. (2) VV II serves as the sole general partner of VSF II and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW and BNL are managing directors and/or members of VV II and share voting and dispositive power over the shares held by VSF II; however, they disclaim beneficial ownership of the shares held by VSF II except to the extent of their pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014. (3) This percentage is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.					
CUSIP No.	45780	L104	13G			
1			eporting Persons. nture Capital II, L.P.			
2	2 Check the Appropriate Box if a Member of a Group* (a) □ (b) ⊠ (1)					
3	SEC U	Jse Or	nly			
4	4 Citizenship or Place of Organization Delaware, United States of America					
		5	Sole Voting Power 1,652,852 shares of Common Stock (2)			
Number of Shares Beneficiall		6	Shared Voting Power 0 shares			
Owned by Each Reporting Person Wit		7	Sole Dispositive Power 1,652,852 shares of Common Stock (2)			
1 015011 W	••	8	Shared Dispositive Power 0 shares			

8

Shared Dispositive Power

9	Aggregate Amount Beneficially Owned by Each Reporting Person 1,652,852 shares of Common Stock (2)					
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □					
11	Perce 8.9%		Class Represented by Amount in Row 9			
12	Type PN	of Rep	porting Person*			
L.P., a D Ventures Jaffe ("R Charles I WJL, DH "group" (2) VV II se BJB, CM VVC II; therein. Schedule (3) This per	elawar s II, LL (AJ"), 'M. Wa BM, RI for pur rives as IW and howev The in e 13G i centage	re limit. C, a D William rden ("BR, BJ rposes at the scal BNL rer, the format s prove is cal	filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, ted partnership ("VSF II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. m. J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), "CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, IB and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a of this Schedule 13G. Delegeneral partner of VVC II and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, RBR, are managing directors and/or members of VV II and share voting and dispositive power over the shares held by the disclaim beneficial ownership of the shares held by VVC II except to the extent of their pecuniary interests thion with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on ided as of December 31, 2014. Iculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the 0-Q filed with the Securities and Exchange Commissions on November 12, 2014.			
			4			
CUSIP No.	45780	L104	13G			
1	Names of Reporting Persons Versant Ventures II, LLC					
2	Check (a)	the A	appropriate Box if a Member of a Group*			
	(b)	☒(1)			
3	SEC I	Use Or	nly			
4	Citizenship or Place of Organization Delaware, United States of America					
		5	Sole Voting Power 0 shares			
Number of Shares Beneficially Owned by		6	Shared Voting Power 1,698,950 shares of Common Stock (2)			
Each Reporting Person Wit	h	7	Sole Dispositive Power 0 shares			
		8	Shared Dispositive Power 1,698,950 shares of Common Stock (2)			
9			Amount Beneficially Owned by Each Reporting Person hares of Common Stock (2)			

10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □							
11	Percent of Class Represented by Amount in Row 9 9.1% (3)							
12	Type of Reporting Person* OO							
L.P., a D Ventures Jaffe ("R Charles I WJL, DE "group" (2) Includes as the so RBR, BJ held by V II except Reportin (3) This pero	elawari II, LL AJ"), V M. War BM, RE for purj : (i) 31, le gene B, CM /AF II- to the g Perso centage	e limite C, a De William den ("G BR, BJI poses c 334 sh ral part W and A, VS extent ons filin	filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, ed partnership ("VSF II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant elaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. a J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, B and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a of this Schedule 13G. Hares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II serves there of VAF II-A, VSF II and VVC II and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, BNL are managing directors and/or members of VV II and share voting and dispositive power over the shares F II and VVC II; however, they disclaim beneficial ownership of the shares held by VAF II-A, VSF II and VVC of their pecuniary interests therein. The information with respect to the ownership of the Common Stock by the ng this statement on Schedule 13G is provided as of December 31, 2014. Evulated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the D-Q filed with the Securities and Exchange Commissions on November 12, 2014.					
			5					
CUSIP No.	45780	L104	13G					
1	Names of Reporting Persons Brian G. Atwood							
2	Check (a) (b)	the Ap	ppropriate Box if a Member of a Group*					
3	SEC U	Jse On	ly					
4			or Place of Organization s of America					
		5	Sole Voting Power 38,295 shares of Common Stock (2)					
Number of Shares Beneficially	<i>I</i>	6	Shared Voting Power 1,698,950 shares of Common Stock (3)					
Owned by Each Reporting Person With	ı	7	Sole Dispositive Power 38,295 shares of Common Stock (2)					
		8	Shared Dispositive Power 1,698,950 shares of Common Stock (3)					
9			mount Beneficially Owned by Each Reporting Person ares of Common Stock (2)(3)					
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □							

11	Percent of Class Represented by Amount in Row 9 9.3% (4)						
12	Type IN	Type of Reporting Person* IN					
L.P., a Dela Ventures II, ("RAJ"), W Warden ("C BJB and CN Schedule 13 (2) Include: (3) Include: serves as the voting and c shares held ownership c (4) This per	ware li LLC, illiam . MW") MW, co GG. s 38,29 s: (i) 31 e sole g disposit by VA of the C	mited a Dela I. Link , Barba llectiv 5 share l,334 s general tive po F II-A, common e is ca	filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, partnership ("VSF II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant ware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. ara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, WJL, DBM, RBR, ely, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this es held by Atwood-Edminster Trust dtd 4/2/2000 for the benefit of BGA. Shares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II partner of VAF II-A, VSF II and VVC II. BGA is a managing director and/or member of VV II and shares wer over the shares held by VAF II-A, VSF II and VVC II; however, he disclaims beneficial ownership of the NSF II and VVC II except to the extent of his pecuniary interests therein. The information with respect to the on Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014. Iculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the Offiled with the Securities and Exchange Commissions on November 12, 2014.				
			6				
CUSIP No.	45780	L104	13G				
1	Names of Reporting Persons Samuel D. Colella						
2	(a)		ppropriate Box if a Member of a Group*				
	(b)	☒ (1)				
3	SEC U	Jse Or	nly				
4			or Place of Organization ss of America				
		5	Sole Voting Power 36,331 shares of Common Stock (2)				
Number of Shares Beneficially		6	Shared Voting Power 1,698,950 shares of Common Stock (3)				
Owned by Each Reporting Person Wit	h	7	Sole Dispositive Power 36,331 shares of Common Stock (2)				
		8	Shared Dispositive Power 1,698,950 shares of Common Stock (3)				
9			amount Beneficially Owned by Each Reporting Person nares of Common Stock (2)(3)				
10	Check	. Box i	if the Aggregate Amount in Row (9) Excludes Certain Shares*				
11	Percent of Class Represented by Amount in Row 0						

12	Type of Reporting Person* IN				
L.P., a Dela Ventures II,	ware lin LLC, a	3G is filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, nited partnership ("VSF II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe			
Warden ("C BJB and CN Schedule 13	MW"), IW, coll G.	Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, WJL, DBM, RBR, ectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this			
Trust UTA 1 (3) Includes serves as the voting and c shares held ownership o (4) This per	Dtd. 9/2 s: (i) 31, e sole ge dispositive by VAF of the Corcentage	20 shares held by the Colella Family Partners for the benefit of SDC; (ii) 16,668 shares held by the Colella Family 1/92 for the benefit of SDC; and (iii) 18,643 shares held by Colella Partners, L.P. for the benefit of SDC. 334 shares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II neral partner of VAF II-A, VSF II and VVC II. SDC is a managing director and/or member of VV II and shares we power over the shares held by VAF II-A, VSF II and VVC II; however, he disclaims beneficial ownership of the II-A, VSF II and VVC II except to the extent of his pecuniary interests therein. The information with respect to the mmon Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014. is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.			
		7			
CUSIP No.	45780I	.104 13G			
1	Ross A	of Reporting Persons . Jaffe			
2	Check	the Appropriate Box if a Member of a Group*			
	(a)				
2	(b)				
3	SEC U	se Only			
4		ship or Place of Organization States of America			
		5 Sole Voting Power 38,553 shares of Common Stock (2)			
Number of Shares Beneficially Owned by		6 Shared Voting Power 1,698,950 shares of Common Stock (3)			
Each Reporting Person With	h	7 Sole Dispositive Power 38,553 shares of Common Stock (2)			
		8 Shared Dispositive Power 1,698,950 shares of Common Stock (3)			
9		gate Amount Beneficially Owned by Each Reporting Person 03 shares of Common Stock (2)(3)			
10	Check	Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □			
11	Percent of Class Represented by Amount in Row 9				

9.3% (4)

Type of Reporting Person* IN

- (1) This Schedule 13G is filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, L.P., a Delaware limited partnership ("VVC II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant Ventures II, LLC, a Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, WJL, DBM, RBR, BJB and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.
- (2) Includes 38,553 shares held by the Jaffe Family Trust Dtd. 7/9/91 for the benefit of RAJ.
- (3) Includes: (i) 31,334 shares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II serves as the sole general partner of VAF II-A, VSF II and VVC II. RAJ is a managing director and/or member of VV II and shares voting and dispositive power over the shares held by VAF II-A, VSF II and VVC II; however, he disclaim beneficial ownership of the shares held by VAF II-A, VSF II and VVC II except to the extent of his pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.
- (4) This percentage is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

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CUSIP No.	45780	L104	13G				
1		s of Rej m J. Li	porting Persons nk				
2	Check (a) (b)						
3	SEC U	Jse Onl	у				
4			r Place of Organization of America				
		5	Sole Voting Power 38,553 shares of Common Stock (2)				
Number of Shares Beneficially	Į.	6	Shared Voting Power 1,698,950 shares of Common Stock (3)				
Owned by Each Reporting Person With	h	7	Sole Dispositive Power 38,553 shares of Common Stock (2)				
		8	Shared Dispositive Power 1,698,950 shares of Common Stock (3)				
9	Aggregate Amount Beneficially Owned by Each Reporting Person 1,737,503 shares of Common Stock (2)(3)						
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □						
11	Percer 9.3% (ass Represented by Amount in Row 9				
12	Type of Reporting Person* IN						

- (1) This Schedule 13G is filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, L.P., a Delaware limited partnership ("VVC II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant Ventures II, LLC, a Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, WJL, DBM, RBR, BJB and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.
- (2) Includes 38,553 shares held by the Link Family Trust, dated May 19, 2005 for the benefit of WJL.
- (3) Includes: (i) 31,334 shares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II serves as the sole general partner of VAF II-A, VSF II and VVC II. WJL is a managing director and/or member of VV II and shares voting and dispositive power over the shares held by VAF II-A, VSF II and VVC II; however, he disclaims beneficial ownership of the shares held by VAF II-A, VSF II and VVC II except to the extent of his pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014. (4) This percentage is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

		·		
457801	L104	13G		
		porting Persons Ider		
Check	the Ap	propriate Box if a Member of a Group*		
		r Place of Organization of America		
	5	Sole Voting Power 11,870 shares of Common Stock (2)		
,	6	Shared Voting Power 1,698,950 shares of Common Stock (3)		
1	7	Sole Dispositive Power 11,870 shares of Common Stock (2)		
	8	Shared Dispositive Power 1,698,950 shares of Common Stock (3)		
Aggregate Amount Beneficially Owned by Each Reporting Person 1,710,820 shares of Common Stock (2)(3)				
Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □				
		ass Represented by Amount in Row 9		
Type of Reporting Person* IN				
	Names Donald Check (a) (b) SEC U Citizer United Type Check Percen 9.2% (Check the Ap (a) (b) SEC Use Onl Citizenship or United States 5 6 7 1 8 Aggregate Ar 1,710,820 sha Check Box if Percent of Cla 9.2% (4) Type of Repo		

- (1) This Schedule 13G is filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, L.P., a Delaware limited partnership ("VVC II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant Ventures II, LLC, a Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, WJL, DBM, RBR, BJB and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.
- (2) Includes 11,870 shares held by the Milder Community Property Trust DTD 11/7/91, amended and restated 11/20/98, amended 3/20/01 for the benefit of DBM.
- (3) Includes: (i) 31,334 shares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II serves as the sole general partner of VAF II-A, VSF II and VVC II. DBM is a managing director and/or member of VV II and shares voting and dispositive power over the shares held by VAF II-A, VSF II and VVC II; however, he disclaims beneficial ownership of the shares held by VAF II-A, VSF II and VVC II except to the extent of his pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.
- This percentage is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

10						
CUSIP No.	45780	L104	13G			
1	Names of Reporting Persons Rebecca B. Robertson					
2	Check (a) (b)	Check the Appropriate Box if a Member of a Group* (a) □				
3		区(1) Use Onl				
4	Citizer United	nship o	r Place of Organization of America			
		5	Sole Voting Power 4,280 shares of Common Stock (2)			
Number of Shares Beneficially	,	6	Shared Voting Power 1,698,950 shares of Common Stock (3)			
Owned by Each Reporting Person With	1	7	Sole Dispositive Power 4,280 shares of Common Stock (2)			
		8	Shared Dispositive Power 1,698,950 shares of Common Stock (3)			
9	Aggregate Amount Beneficially Owned by Each Reporting Person 1,703,230 shares of Common Stock (2)(3)					
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □					
11	Percer 9.1% (ass Represented by Amount in Row 9			
12	Type of Reporting Person* IN					

⁽¹⁾ This Schedule 13G is filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II,

L.P., a Delaware limited partnership ("VSF II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant Ventures II, LLC, a Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, WJL, DBM, RBR, BJB and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.

- (2) Includes 4,280 shares held by The Robertson Family Trust U/D/T 5/7/98 for the benefit of RBR.
- (3) Includes: (i) 31,334 shares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II serves as the sole general partner of VAF II-A, VSF II and VVC II. RBR is a managing director and/or member of VV II and shares voting and dispositive power over the shares held by VAF II-A, VSF II and VVC II; however, she disclaims beneficial ownership of the shares held by VAF II-A, VSF II and VVC II except to the extent of her pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.
- (4) This percentage is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

11

13G CUSIP No. 45780L104 1 Names of Reporting Persons Bradley J. Bolzon 2 Check the Appropriate Box if a Member of a Group* (a) (b) \boxtimes (1) 3 SEC Use Only 4 Citizenship or Place of Organization Canada 5 Sole Voting Power 35,446 shares of Common Stock (2) Number of Shared Voting Power Shares 1,698,950 shares of Common Stock (3) Beneficially Owned by Each Sole Dispositive Power Reporting 35,446 shares of Common Stock (2) Person With 8 Shared Dispositive Power 1,698,950 shares of Common Stock (3) 9 Aggregate Amount Beneficially Owned by Each Reporting Person 1,734,396 shares of Common Stock (2)(3) 10 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □ Percent of Class Represented by Amount in Row 9 11 9.3% (4) 12 Type of Reporting Person* ΙN

⁽¹⁾ This Schedule 13G is filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, L.P., a Delaware limited partnership ("VVC II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant Ventures II, LLC, a Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe

("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, WJL, DBM, RBR, BJB and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.

- (2) Includes 35,446 shares held by BJB.
- (3) Includes: (i) 31,334 shares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II serves as the sole general partner of VAF II-A, VSF II and VVC II. BJB is a managing director and/or member of VV II and shares voting and dispositive power over the shares held by VAF II-A, VSF II and VVC II; however, he disclaims beneficial ownership of the shares held by VAF II-A, VSF II and VVC II except to the extent of his pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.
- (4) This percentage is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

CUSIP No.	45780	L104	13G		
1		s of Repes M. W	porting Persons Varden		
2	Check	the Ap	propriate Box if a Member of a Group*		
	(a)				
	(b)	X (1)			
3	SEC U	Jse Onl	y		
4			Place of Organization of America		
		5	Sole Voting Power 0 shares		
Number of Shares Beneficially	ī	6	Shared Voting Power 1,698,950 shares of Common Stock (2)		
Owned by Each Reporting Person With	1	7	Sole Dispositive Power 0 shares		
		8	Shared Dispositive Power 1,698,950 shares of Common Stock (2)		
9	Aggregate Amount Beneficially Owned by Each Reporting Person 1,698,950 shares of Common Stock (2)				
10	Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □				
11	Percer 9.1% (ass Represented by Amount in Row 9		
12	Type of Reporting Person* IN				

⁽¹⁾ This Schedule 13G is filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, L.P., a Delaware limited partnership ("VVC II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant Ventures II, LLC, a Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ,

- WJL, DBM, RBR, BJB and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.
- (2) Includes: (i) 31,334 shares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II serves as the sole general partner of VAF II-A, VSF II and VVC II and owns no securities of the Issuer directly. CMW is a managing director and/or member of VV II and shares voting and dispositive power over the shares held by VAF II-A, VSF II and VVC II; however, he disclaims beneficial ownership of the shares held by VAF II-A, VSF II and VVC II except to the extent of his pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.
- (3) This percentage is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

13 CUSIP No. 45780L104 13G 1 Names of Reporting Persons Barbara N. Lubash 2 Check the Appropriate Box if a Member of a Group* (a) **X**(1) (b) 3 SEC Use Only Citizenship or Place of Organization 4 United States of America 5 Sole Voting Power 7,946 shares of Common Stock (2) Number of Shared Voting Power Shares 1,698,950 shares of Common Stock (3) Beneficially Owned by Each Sole Dispositive Power Reporting 7,946 shares of Common Stock (2) Person With 8 Shared Dispositive Power 1,698,950 shares of Common Stock (3) 9 Aggregate Amount Beneficially Owned by Each Reporting Person 1,706,896 shares of Common Stock (2)(3) Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares* □ 10 Percent of Class Represented by Amount in Row 9 11 9.2% (4) 12 Type of Reporting Person* IN

⁽¹⁾ This Schedule 13G is filed by Versant Affiliates Fund II-A, L.P., a Delaware limited partnership ("VAF II-A"), Versant Side Fund II, L.P., a Delaware limited partnership ("VVC II"), Versant Venture Capital II, L.P., a Delaware limited partnership ("VVC II"), Versant Ventures II, LLC, a Delaware limited liability company ("VV II"), Brian G. Atwood ("BGA"), Samuel D. Colella ("SDC"), Ross A. Jaffe ("RAJ"), William J. Link ("WJL"), Donald B. Milder ("DBM"), Rebecca B. Robertson ("RBR"), Bradley J. Bolzon ("BJB"), Charles M. Warden ("CMW"), Barbara N. Lubash ("BNL" and together with VAF II-A, VSF II, VVC II, VV II, BGA, SDC, RAJ, WJL, DBM, RBR, BJB and CMW, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.

- (2) Includes 7,946 shares held by Lubash Moses LLC and Evan Michael Moses Trust for the benefit of BNL.
- (3) Includes: (i) 31,334 shares held by VAF II-A; (ii) 14,764 shares held by VSF II; and (iii) 1,652,852 shares held by VVC II. VV II serves as the sole general partner of VAF II-A, VSF II and VVC II. BNL is a managing director and/or member of VV II and shares voting and dispositive power over the shares held by VAF II-A, VSF II and VVC II; however, she disclaim beneficial ownership of the shares held by VAF II-A, VSF II and VVC II except to the extent of her pecuniary interests therein. The information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014.

 (4) This percentage is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014 as set forth in the Issuer's most recent 10-Q filed with the Securities and Exchange Commissions on November 12, 2014.

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Introductory Note: This Statement on Schedule 13G is filed on behalf of the Reporting Persons, in respect of shares of Common Stock, par value \$0.001 per share ("Common Stock"), of Inogen, Inc. (the "Issuer").

Item 1

(a) Name of Issuer:

Inogen, Inc.

Address of Issuer's Principal Executive Offices: 326 Bollay Drive Goleta, California 93117

Item 2

(a) Name of Person(s) Filing:

Versant Affiliates Fund II-A, L.P. ("VAF II-A")

Versant Side Fund II, L.P. ("VSF II")

Versant Venture Capital II, L.P. ("VVC II")

Versant Ventures II, LLC ("VV II")

Brian G. Atwood ("BGA")

Samuel D. Colella ("SDC")

Ross A. Jaffe ("RAJ")

William J. Link ("WJL")

Donald B. Milder ("DBM")

Rebecca B. Robertson ("RBR")

Bradley J. Bolzon ("BJB")

Charles M. Warden ("CMW")

Barbara N. Lubash ("BNL")

(b) Address of Principal Business Office:

c/o Versant Ventures

One Sansome Street, Suite 3630

San Francisco, CA 94104

(b) Citizenship:

Entities:	VAF II-A	-	Delaware, United States of America
	VSF II	-	Delaware, United States of America
	VVC II	-	Delaware, United States of America
	VV II	-	Delaware, United States of America
Individuals:	BGA	-	United States of America
	SDC	-	United States of America
	RAJ	-	United States of America
	WJL	-	United States of America
	DBM	-	United States of America
	RBR	-	United States of America
	ВЈВ	-	Canada
	CMW	-	United States of America
	BNL	-	United States of America
TE'41 C C1			

(d) Title of Class of Securities:

Common Stock

(e) CUSIP Number:

45780L104

Item 4 Ownership.

The following information with respect to the ownership of the Common Stock by the Reporting Persons filing this statement on Schedule 13G is provided as of December 31, 2014:

Reporting Persons (1)	Shares Held Directly	Sole Voting Power	Shared Voting Power	Sole Dispositive Power	Shared Dispositive Power	Beneficial Ownership	Percentage of Class (2)
VAF II-A	31,334	31,334	0	31,334	0	31,334	0.2%
VSF II	14,764	14,764	0	14,764	0	14,764	0.1%
VVC II	1,652,852	1,652,852	0	1,652,852	0	1,652,852	8.9%
VV II	0	0	1,698,950	0	1,698,950	1,698,950	9.1%
BGA	38,295	38,295	1,698,950	38,295	1,698,950	1,737,245	9.3%
SDC	36,331	36,331	1,698,950	36,331	1,698,950	1,735,281	9.3%
RAJ	38,553	38,553	1,698,950	38,553	1,698,950	1,737,503	9.3%
WJL	38,553	38,553	1,698,950	38,553	1,698,950	1,737,503	9.3%
DBM	11,870	11,870	1,698,950	11,870	1,698,950	1,710,820	9.2%
RBR	4,280	4,280	1,698,950	4,280	1,698,950	1,703,230	9.1%
BJB	35,446	35,446	1,698,950	35,446	1,698,950	1,734,396	9.3%
CMW	0	0	1,698,950	0	1,698,950	1,698,950	9.1%
BNL	7,946	7,946	1,698,950	7,946	1,698,950	1,706,896	9.2%

⁽¹⁾ VV II serves as the sole general partner of VAF II-A, VSF II and VVC II and owns no securities of the Issuer directly. BGA, SDC, RAJ, WJL, DBM, RBR, BJB, CMW and BNL are managing directors and/or members of VV II and share voting and dispositive power over the shares held by VAF II-A, VSF II and VVC II; however, they disclaim beneficial ownership of the shares held by VAF II-A, VSF II and VVC II except to the extent of their pecuniary interests therein.

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 Persons have ceased to be the beneficial owner of more than five percent of the class of securities, check the following: \Box

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

See Items 2(a) and 4.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

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.

Not applicable.

⁽²⁾ This percentage is calculated based upon 18,628,900 shares of Common Stock outstanding as of October 31, 2014.

complete a	and correct.	
Dated: Feb	oruary 13, 2015	
Versant A	ffiliates Fund II-A, L.P.	
By:	Versant Ventures II, LLC	
Its:	General Partner	
Ву:	/s/ Robin L. Praeger Authorized Representative	
Vorsant S	•	
	ide Fund II, L.P.	
By: Its:	Versant Ventures II, LLC General Partner	
By:	/s/ Robin L. Praeger	
Бу.	Authorized Representative	
Versant V	enture Capital II, L.P.	
By:	Versant Ventures II, LLC	
Its:	General Partner	
Ву:	/s/ Robin L. Praeger	
	Authorized Representative	
Versant V	Yentures II, LLC	
By:	/s/ Robin L. Praeger Authorized Representative	
	Tamorizou representative	
	Praeger as attorney in fact	
Brian G. A	Atwood	
	. Praeger as attorney in fact	
Samuel D.	. Colella	
/s/ Robin I	Praeger as attorney in fact	_
/s/ Robin I William J.	. Praeger as attorney in fact . Link	
	. Praeger as attorney in fact	
Donald B.		
/s/ Robin I	. Praeger as attorney in fact	
	3. Robertson	
/s/ Robin I	. Praeger as attorney in fact	
Bradley J.		

Exhibit(s):

A - Joint Filing Statement

Charles M. Warden

Barbara N. Lubash

/s/ Robin L. Praeger as attorney in fact

/s/ Robin L. Praeger as attorney in fact

EXHIBIT A

JOINT FILING STATEMENT

We, the undersigned, hereby express our agreement that the attached Schedule 13G (or any amendments thereto) relating to the Common Stock of Inogen, Inc. is filed on behalf of each of us.

Dated: February 13, 2015 Versant Affiliates Fund II-A, L.P. By: Versant Ventures II, LLC Its: General Partner /s/ Robin L. Praeger Authorized Representative Versant Side Fund II, L.P. By: Versant Ventures II, LLC Its: General Partner /s/ Robin L. Praeger Authorized Representative Versant Venture Capital II, L.P. Versant Ventures II, LLC By: Its: General Partner /s/ Robin L. Praeger Authorized Representative Versant Ventures II, LLC /s/ Robin L. Praeger Authorized Representative /s/ Robin L. Praeger as attorney in fact Brian G. Atwood /s/ Robin L. Praeger as attorney in fact Samuel D. Colella /s/ Robin L. Praeger as attorney in fact Ross A. Jaffe /s/ Robin L. Praeger as attorney in fact William J. Link /s/ Robin L. Praeger as attorney in fact

Donald B. Milder

Bradley J. Bolzon

Charles M. Warden

Barbara N. Lubash

Rebecca B. Robertson

/s/ Robin L. Praeger as attorney in fact

/s/ Robin L. Praeger as attorney in fact

/s/ Robin L. Praeger as attorney in fact

/s/ Robin L. Praeger as attorney in fact