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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No.)*

INOTEK PHARMACEUTICALS CORPORATION
(Name of Issuer)
COMMON STOCK, \$0.01 PAR VALUE PER SHARE
(Title and Class of Securities)
45780V102
(CUSIP number)
December 31, 2015
(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)
*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, <i>see</i> the <i>Notes</i>).

1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Rho Ventures IV (QP), L.P.						
2.	CHECK THE API (a) □ (b) ☑ (1)						
3.	SEC USE ONLY						
4.	CITIZENSHIP OF Delaware	R PLAC	CE OF ORGANIZATION				
	NUMBER OF	5.	SOLE VOTING POWER0				
	SHARES ENEFICIALLY	6.	SHARED VOTING POWER 2,627,790 (2)				
OW	NED BY EACH ORTING PERSON	7.	SOLE DISPOSITIVE POWER0				
REPC	WITH						
9.	AGGREGATE AM 2,627,790		T BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF	ГНЕ А	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) \Box				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9% (3)						
12.	TYPE OF REPOR	TING	PERSON (SEE INSTRUCTIONS)				
	PN						

- (1) This statement on Schedule 13G is filed by Rho Ventures IV, L.P. ("RV IV"), Rho Ventures IV GmbH & Co. Beteiligungs KG ("RV KG"), Rho Ventures IV (QP), L.P. ("RV QP"), Rho Ventures IV Holdings LLC ("RV IV Holdings"), Rho Management Ventures IV, L.L.C. ("RMV"), Rho Capital Partners Verwaltungs GmbH ("RCP GmbH"), Joshua Ruch ("Ruch"), Habib Kairouz ("Kairouz") and Mark Leschly ("Leschly," together with RV IV, RV KG, RV QP, RV IV Holdings, RMV, RCP GmbH, Ruch and Kairouz, collectively, the "Reporting Persons"). The Reporting Persons expressly disclaim status as a "group" for purposes of this Schedule 13G.
- (2) Includes (i) 168,850 shares held by RV IV, (ii) 930,029 shares held by RV KG, (iii) 892,415 shares held by RV QP and (iv) 636,496 shares held by RV IV Holdings. RMV is the general partner of RV IV and RV QP and the managing member of RV IV Holdings. RCP GmbH is the general partner of RV KG. As such, RMV and RCP GmbH possess power to direct the voting and disposition of the shares owned by RV IV, RV KG, RV QP and RV IV Holdings and may be deemed to have indirect beneficial ownership of the shares held by RV IV, RV KG, RV QP and RV IV Holdings. RMV and RCP GmbH hold no shares of the Issuer directly. Ruch, Kairouz and Leschly are managing members of RMV and managing directors of RCP GmbH. As such, Ruch, Kairouz and Leschly possess power to direct the voting and disposition of the shares owned by RV IV, RV KG, RV QP and RV IV Holdings and may be deemed to have indirect beneficial ownership of the shares held by RV IV, RV KG, RV QP and RV IV Holdings. Ruch, Kairouz and Leschly hold no shares of the Issuer directly.
- (3) The percentage set forth on the cover sheets is calculated based on 26,410,251 shares of Common Stock reported to be outstanding as of November 11, 2015 as set forth in the Issuer's Form 10-Q for the quarter ended September 30, 2015 as filed with the Securities and Exchange Commission ("SEC") on November 12, 2015.

1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Rho Ventures IV, L.P.					
2.	CHECK THE API (a) □ (b) ☑ (1)					
3.	SEC USE ONLY					
4.	CITIZENSHIP OF Delaware	R PLAC	CE OF ORGANIZATION			
N	NUMBER OF	5.	SOLE VOTING POWER0			
	SHARES ENEFICIALLY	6. SHARED VOTING POWER 2,627,790 (2)				
OW	NED BY EACH ORTING PERSON	7.	SOLE DISPOSITIVE POWER0			
REPC	WITH 8. SHARED DISPOSITIVE POWER 2,627,790 (2)		SHARED DISPOSITIVE POWER 2,627,790 (2)			
9.	AGGREGATE AM 2,627,790		Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON			
10.	CHECK BOX IF	ГНЕ А	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) □			
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9% (3)					
12.	TYPE OF REPOR	TING	PERSON (SEE INSTRUCTIONS)			
	PN					

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1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Rho Ventures IV GmbH & Co. Beteiligungs KG						
2.	CHECK THE APP (a) □ (b) ☑ (1)						
3.	SEC USE ONLY						
4.	CITIZENSHIP OF Delaware	R PLAC	CE OF ORGANIZATION				
	NUMBER OF	5.	SOLE VOTING POWER0				
_	SHARES ENEFICIALLY	6.	SHARED VOTING POWER 2,627,790 (2)				
OW	NED BY EACH ORTING PERSON	7.	SOLE DISPOSITIVE POWER0				
REPC	WITH 8. SHARED DISPOSITIVE POWER 2,627,790 (2)		SHARED DISPOSITIVE POWER 2,627,790 (2)				
9.	AGGREGATE AM 2,627,790		Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF	ГНЕ А	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) □				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9% (3)						
12.	TYPE OF REPOR	TING	PERSON (SEE INSTRUCTIONS)				
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1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Rho Ventures IV Holdings LLC						
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) \square (b) \boxtimes (1)						
3.	SEC USE ONLY						
4.	CITIZENSHIP OF Delaware	R PLAC	CE OF ORGANIZATION				
N	NUMBER OF	5.	SOLE VOTING POWER0				
_	SHARES ENEFICIALLY	6.	SHARED VOTING POWER 2,627,790 (2)				
OW	NED BY EACH ORTING PERSON	7.	SOLE DISPOSITIVE POWER0				
KEPC	WITH 8. SHARED DISPOSITIVE POWER 2,627,790 (2)		SHARED DISPOSITIVE POWER 2,627,790 (2)				
9.	AGGREGATE AM 2,627,790		F BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF	ГНЕ А	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) \Box				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9% (3)						
12.	TYPE OF REPOR	TING	PERSON (SEE INSTRUCTIONS)				
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1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Rho Management Ventures IV, L.L.C.						
2.	CHECK THE APP (a) □ (b) ☑ (1)						
3.	SEC USE ONLY						
4.	CITIZENSHIP OF Delaware	R PLAC	CE OF ORGANIZATION				
	NUMBER OF	5.	SOLE VOTING POWER0				
	SHARES ENEFICIALLY	6.	SHARED VOTING POWER 2,627,790 (2)				
OW	NED BY EACH ORTING PERSON	7.	SOLE DISPOSITIVE POWER0				
KEPC	WITH						
9.	AGGREGATE AM 2,627,790		Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF	ГНЕ А	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) \Box				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9% (3)						
12.	TYPE OF REPOR	TING	PERSON (SEE INSTRUCTIONS)				
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1.	I.R.S. IDENTIFIC	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Rho Capital Partners Verwaltungs GmbH					
2.	CHECK THE APP (a) □ (b) ☑ (1)						
3.	SEC USE ONLY						
4.	CITIZENSHIP OF Delaware	R PLAC	CE OF ORGANIZATION				
N	NUMBER OF	5.	SOLE VOTING POWER0				
_	SHARES ENEFICIALLY	RES 6. SHARED VOTING POWER 2,627,790 (2)					
OW	NED BY EACH	7.	SOLE DISPOSITIVE POWER0				
KEPC	REPORTING PERSON WITH		SHARED DISPOSITIVE POWER 2,627,790 (2)				
9.	AGGREGATE AM 2,627,790		Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF	ГНЕ А	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) \Box				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9% (3)						
12.	TYPE OF REPOR	TING	PERSON (SEE INSTRUCTIONS)				
	00						

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1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Joshua Ruch						
2.	CHECK THE APP (a) □ (b) ☑ (1)						
3.	SEC USE ONLY						
4.	CITIZENSHIP OF United Sta		CE OF ORGANIZATION				
	NUMBER OF	5.	SOLE VOTING POWER0				
	SHARES ENEFICIALLY	6.	SHARED VOTING POWER 2,627,790 (2)				
OW	NED BY EACH ORTING PERSON	7.	SOLE DISPOSITIVE POWER0				
KEPC	WITH 8. SHARED DISPOSITIVE POWER 2,627,790 (2)		SHARED DISPOSITIVE POWER 2,627,790 (2)				
9.	AGGREGATE AM 2,627,790		Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF	ГНЕ А	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) \Box				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9% (3)						
12.	TYPE OF REPOR	TING	PERSON (SEE INSTRUCTIONS)				
	IN						

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1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Mark Leschly						
2.	CHECK THE API (a) □ (b) ☑ (1)						
3.	SEC USE ONLY						
4.	CITIZENSHIP OF Kingdom		CE OF ORGANIZATION nark				
	NUMBER OF	5.	SOLE VOTING POWER0				
_	SHARES 6. SHARED VOTING POWER 2,627,790 (2)		SHARED VOTING POWER 2,627,790 (2)				
OW	BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 8.		SOLE DISPOSITIVE POWER0				
REPC					SHARED DISPOSITIVE POWER 2,627,790 (2)		
9.	AGGREGATE AM 2,627,790		Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF	ГНЕ А	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) □				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9% (3)						
12.	TYPE OF REPOR	TING	PERSON (SEE INSTRUCTIONS)				
	IN						

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1.	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Habib Kairouz						
2.	CHECK THE APP (a) □ (b) ☑ (1)						
3.	SEC USE ONLY						
4.	CITIZENSHIP OF United Sta		CE OF ORGANIZATION				
1	HIMDED OF	5.	SOLE VOTING POWER				
	NUMBER OF SHARES ENEFICIALLY	6.	SHARED VOTING POWER 2,627,790 (2)				
OW	NED BY EACH ORTING PERSON	7.	SOLE DISPOSITIVE POWER				
KEPC	WITH 8. SHARED DISPOSITIVE POWER 2,627,790 (2)		SHARED DISPOSITIVE POWER 2,627,790 (2)				
9.	AGGREGATE AM 2,626,790		Γ BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10.	CHECK BOX IF	ГНЕ А	GGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) \Box				
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 9.9% (3)						
12.	TYPE OF REPOR	TING	PERSON (SEE INSTRUCTIONS)				
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Introductory Note: This statement on Schedule 13G is filed by the Reporting Persons in respect of shares of Common Stock, par value \$0.01 per share, of Inotek Pharmaceuticals Corporation.

Item 1(a). Name of Issuer:

Inotek Pharmaceuticals Corporation (the "Issuer").

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

91 Hartwell Avenue, Lexington, MA 02421

Item 2(a). Name of Person Filing:

This statement is filed by:

- (i) Rho Ventures IV (QP), L.P. ("RV QP")
- (ii) Rho Ventures IV, L.P. ("RV IV")
- (iii) Rho Ventures IV GmbH & Co. Beteiligungs KG ("RV KG")
- (iv) Rho Ventures IV Holdings LLC ("RV IV Holdings")
- (v) Rho Management Ventures IV, L.L.C. ("RMV")
- (vi) Rho Capital Partners Verwaltungs GmbH ("RCP GmbH")
- (vii) Joshua Ruch ("Ruch")
- (viii) Mark Leschly ("Leschly")
- (ix) Habib Kairouz ("Kairouz")

RV QP, RV IV, RV KG, RV IV Holdings, RMV, RCP GmbH, Ruch, Leschly and Kairouz are sometimes individually referred to herein as a "Reporting Person" and collectively as the "Reporting Persons."

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

Rho Ventures, 152 W 57th Street, 23rd Floor, New York, New York 10019

Item 2(c). Citizenship:

RV QP	Delaware
RV IV	Delaware
RV KG	Germany
RV IV Holdings	Delaware
RMV	Delaware
RCP GmbH	Germany
Ruch	United States
Leschly	Kingdom of Denmark
Kairouz	United States

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

Common Stock, \$0.01 par value per share (the "Common Stock")

Item 2(e). CUSIP Number:

45780V102

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:

- (a) |_| Broker or dealer registered under Section 15 of the Act,
- (b) | Bank as defined in Section 3(a)(6) of the Act,
- (c) | Insurance Company as defined in Section 3(a)(19) of the Act,
- (d) | Investment Company registered under Section 8 of the Investment Company Act of 1940
- (e) |_| Investment Adviser in accordance with Rule 13d-1(b)(1)(ii)(E),
- (f) | Employee Benefit Plan or Endowment Fund in accordance with 13d-1 (b)(1)(ii)(F),
- (g) | Parent Holding Company or control person in accordance with Rule 13d-1 (b)(1)(ii)(G),
- (h) | | Savings Association as defined in Section 3(b) of the Federal Deposit Insurance Act,
- (i) | Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940,
- (j) | | Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4. Ownership			Shared	Sole	Shared		
Reporting Persons	Shares Held Directly (1)	Sole Voting Power (1)	Voting Power (1)	Dispositive Power (1)	Dispositive Power (1)	Beneficial Ownership (1)	Percentage of Class (1, 3)
RV QP	892,415	0	2,627,790	0	2,627,790	2,627,790	9.9%
RV IV	168,850	0	2,627,790	0	2,627,790	2,627,790	9.9%
RV KG	930,029	0	2,627,790	0	2,627,790	2,627,790	9.9%
RV IV Holdings	636,496	0	2,627,790	0	2,627,790	2,627,790	9.9%
RMV (2)	0	0	2,627,790	0	2,627,790	2,627,790	9.9%
RCP GmbH (2)	0	0	2,627,790	0	2,627,790	2,627,790	9.9%
Ruch (2)	0	0	2,627,790	0	2,627,790	2,627,790	9.9%
Leschly (2)	0	0	2,627,790	0	2,627,790	2,627,790	9.9%
Kairouz (2)	0	0	2,627,790	0	2,627,790	2,627,790	9.9%

- (1) Represents the number of shares of Common Stock held by the Reporting Persons.
- (2) RMV is the general partner of RV IV and RV QP and the managing member of RV IV Holdings. RCP GmbH is the general partner of RV KG. As such, RMV and RCP GmbH possess power to direct the voting and disposition of the shares owned by RV IV, RV KG, RV QP and RV IV Holdings and may be deemed to have indirect beneficial ownership of the shares held by RV IV, RV KG, RV QP and RV IV Holdings. RMV and RCP GmbH hold no shares of the Issuer directly. Ruch, Kairouz and Leschly are managing members of RMV and managing directors of RCP GmbH. As such, Ruch, Kairouz and Leschly possess power to direct the voting and disposition of the shares owned by RV IV, RV KG, RV QP and RV IV Holdings and may be deemed to have indirect beneficial ownership of the shares held by RV IV, RV KG, RV QP and RV IV Holdings. Ruch, Leschly and Kairouz hold no shares of the Issuer directly.
- (3) The percentage set forth above is calculated based on 26,410,251 shares of Common Stock reported to be outstanding as of November 11, 2015 as set forth in the Issuer's Form 10-Q for the quarter ended September 30, 2015 as filed with the SEC on November 12, 2015.

Item 5.	Ownership of Five Percent or Less of a Class.
	Not applicable.
Item 6.	Ownership of More than Five Percent on Behalf of Another Person.
	Not applicable.
	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.

SIGNATURES

After reasonable inquiry and to the best of his, her or its knowledge and belief, each of the persons signing below certifies that the information set forth in this statement is true, complete and correct.

Dated: February 12, 2016

Rho Ventures IV (QP), L.P.

By: Rho Management Ventures IV, L.L.C.

Its: General Partner

By: <u>/s/ Jeffrey Martin</u> Name: Jeffrey I. Martin

Title: Authorized Signatory

Rho Ventures IV, L.P.

By: Rho Management Ventures IV, L.L.C.

Its: General Partner

By: /s/ Jeffrey Martin

Name: Jeffrey I. Martin Title: Authorized Signatory

Rho Ventures IV GmbH & Co. Beteiligungs KG

By: Rho Capital Partners Verwaltungs GmbH

Its: General Partner

By: /s/ Jeffrey Martin

Name: Jeffrey I. Martin
Title: Authorized Signatory

Rho Ventures IV Holdings LLC

By: /s/ Jeffrey Martin

Name: Jeffrey I. Martin Title: Authorized Signatory

Rho Management Ventures IV, L.L.C.

By: /s/ Jeffrey Martin

Name: Jeffrey I. Martin Title: Authorized Signatory

Rho Capital Partners Verwaltungs GmbH

By: <u>/s/ Jeffrey Martin</u> Name: Jeffrey I. Martin Title: Authorized Signatory

Joshua Ruch

By: <u>/s/ Jeffrey Martin</u> Name: Jeffrey I. Martin Title: Authorized Signatory

Mark Leschly

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

Habib Kairouz

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

EXHIBIT INDEX

Exhibit 1: Joint Filing Statement

Exhibit 2: Power of Attorney

AGREEMENT

Pursuant to Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree that only one statement containing the information required by Schedule 13G need be filed with respect to the ownership by each of the undersigned of the shares of Common Stock of Inotek Pharmaceuticals Corporation.

Dated: February 1, 2016

Rho Ventures IV (QP), L.P.

By: Rho Management Ventures IV, L.L.C.

Its: General Partner

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

Rho Ventures IV, L.P.

By: Rho Management Ventures IV, L.L.C.

Its: General Partner

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

Rho Ventures IV GmbH & Co. Beteiligungs KG

By: Rho Capital Partners Verwaltungs GmbH

Its: General Partner

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

Rho Ventures IV Holdings LLC

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

Rho Management Ventures IV, L.L.C.

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

Rho Capital Partners Verwaltungs GmbH

By: <u>/s/ Jeffrey Martin</u> Name: Jeffrey I. Martin Title: Authorized Signatory

Joshua Ruch

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

Mark Leschly

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

Habib Kairouz

By: <u>/s/ Jeffrey Martin</u>
Name: Jeffrey I. Martin
Title: Authorized Signatory

The undersigned hereby constitutes and appoints Jeffrey I. Martin, with full power of substitution, as the undersigned's true and lawful attorney-in-fact to:

- (1) prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the U.S. Securities and Exchange Commission (the "SEC") a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934 or any rule or regulation of the SEC;
- (2) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer and/or director of Inotek Pharmaceutical Corporation (the "Company") and/or 5% or 10% holder of the Company's capital stock, Forms 3, 4, and 5 as well as any Section 13D or 13G filings and any amendments thereto in accordance with Sections 13 and 16(a) of the Securities Exchange Act of 1934 and the rules thereunder;
- (3) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5, 13D or 13G, complete and execute any amendment or amendments thereto, and timely file such form with the SEC and any stock exchange or similar authority; and
- (4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Sections 13 or 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5, 13D or 13G with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 1st day of February, 2016.

Rho Ventures IV (QP), L.P.

By: Rho Management Ventures IV, L.L.C.

Its: General Partner

By: <u>/s/ Habib Kairouz</u> Name: Habib Kairouz Title: Managing Member

Rho Ventures IV, L.P.

By: Rho Management Ventures IV, L.L.C.

Its: General Partner

By: <u>/s/ Habib Kairouz</u> Name: Habib Kairouz Title: Managing Member

Rho Ventures IV GmbH & Co. Beteiligungs KG

By: Rho Capital Partners Verwaltungs GmbH

Its: General Partner

By: <u>/s/ Habib Kairouz</u> Name: Habib Kairouz Title: Managing Member

Rho Ventures IV Holdings LLC

By: Rho Management Ventures IV, L.L.C., its Managing Member

By: <u>/s/ Habib Kairouz</u> Name: Habib Kairouz Title: Managing Member

Rho Management Ventures IV, L.L.C.

By: <u>/s/ Habib Kairouz</u> Name: Habib Kairouz Title: Managing Member

Rho Capital Partners Verwaltungs GmbH

By: <u>/s/ Habib Kairouz</u> Name: Habib Kairouz Title: Managing Member

<u>/s/ Habib Kairouz</u> Habib Kairouz

<u>/s/ Joshua Ruch</u> Joshua Ruch

/s/ Mark Leschly Mark Leschly