ORBIMED ADVISERS INC /CT Form SC 13G/A February 15, 2002

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

SCHEDULE 13G/A Under the Securities Exchange Act of 1934

> ArQule, Inc. (Name of Issuer)

Common Stock (Title of Class of Securities)

> 04269E107 (CUSIP Number)

December 31, 2001

(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)

[x] 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, see the Notes).

CUSIP No. 04269E107

Names of Reporting Persons.

 I.R.S. Identification Nos. of above persons (entities only).

OrbiMed Advisors Inc.

2. Check the Appropriate Box if a Member Of a Group (See Instructions)

[] (a)

- [](b)
- 3. SEC Use Only
- 4. Citizenship or Place of Organization

Delaware

Marchael	5.	Sole Voting Power 0
Number of Shares Beneficially		Shared Voting Power 1,918,400
Owned by Each Reporti Person With	7.	Sole Dispositive Power 0
	2	Shared Dispositive Power 1,918,400
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,918,400	
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)	
11.	Percent of Class Represented by Amount in Row (9) 9.44%	
12.	Type of Reporting Person (See Instructions) IA	

CUSIP No. 04269E107

Names of Reporting Persons.
 I.R.S. Identification Nos. of above persons (entities only).

OrbiMed Advisors LLC

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - [] (a) [] (b)
- 3. SEC Use Only
- 4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power 0 Number of Shares 6. Shared Voting Power 1,918,400 Beneficially Owned by 7. Sole Dispositive Power 0 Each Reporting Person With 8. Shared Dispositive Power 1,918,400 9. Aggregate Amount Beneficially Owned by Each Reporting Person 1,918,400

- Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
- 11. Percent of Class Represented by Amount in Row (9) 9.44%
- 12. Type of Reporting Person (See Instructions) CO

CUSIP No. 04269E107

Names of Reporting Persons.

 I.R.S. Identification Nos. of above persons (entities only).

Samuel D. Isaly

- 2. Check the Appropriate Box if a Member of a Group (See Instructions)
 - [] (a) [] (b)
- 3. SEC Use Only
- 4. Citizenship or Place of Organization

United States

	5.	Sole Voting Power 0		
Number of				
Shares	6.	Shared Voting Power 1,918,400		
Beneficially				
Owned by	7.	Sole Dispositive Power 0		
Each Reporting				
Person With	8.	Shared Dispositive Power 1,918,400		

- Aggregate Amount Beneficially Owned by Each Reporting Person 1,918,400
- Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)
- 11. Percent of Class Represented by Amount in Row (9) 9.44%
- 12. Type of Reporting Person (See Instructions) HC

Item 1. (a) Issuer: ArQule, Inc.

- (b) Address: 19 Presidential Way
 Woburn, MA 01801
- Item 2. (a) Name of Person Filing: OrbiMed Advisors Inc.

OrbiMed Advisors LLC Samuel D. Isaly

(b) Address of Principal Business Offices:

767 Third Avenue, 6th Floor New York, New York 10010

- (c) Citizenship: Please refer to Item 4 on each cover sheet for each filing person
- (d) Title of Class of Securities Common stock
- (e) CUSIP Number: 04269E107
- Item 3. OrbiMed Advisors Inc. is an investment advisor in accordance with Section 240.13d-1(b)(1)(ii)(E). Not applicable for OrbiMed Advisors LLC or Samuel D. Isaly.
- Item 4. Ownership

- 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.

Reporting persons are holding 9.44% of the securities on behalf of Other persons who have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, such securities.

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

By signing below I certify that, to the best of my 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.

SIGNATURE

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.

Date: February 15, 2002

OrbiMed Advisors Inc.

By: /s/ Samuel D. Isaly

Name: Samuel D. Isaly Title: President

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.

SIGNATURE

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.

Date: February 15, 2002

OrbiMed Advisors LLC

By: /s/ Samuel D. Isaly ------Name: Samuel D. Isaly Title: Managing Member

Samuel D. Isaly

By: /s/ Samuel D. Isaly Name: Samuel D. Isaly

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EX-1.1 OTHERDOC 2 0002.txt JOINT FILING AGREEMENT

Exhibit 1.1

JOINT FILING AGREEMENT

The undersigned hereby agree that the Statement on Schedule 13G/A, dated February 15, 2002, (the "Schedule 13G/A"), with respect to the Common Stock, \$.01 par value, of ArQule, 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 and 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 the 15th day of February, 2002.

OrbiMed Advisors Inc.

By: /s/ Samuel D. Isaly

Name: Samuel D. Isaly

Title: President

OrbiMed Advisors LLC

By: /s/ Samuel D. Isaly

Name: Samuel D. Isaly Title: Managing Member

EX-2.1 OTHERDOC Statement of Control Person

Exhibit 2.1

Statement of Control Person

The Statement on this Schedule 13G/A dated February 15, 2002 with respect to the common stock \$.01 par value of ArQule, Inc. is filed by Samuel D. Isaly in accordance with the provisions of Rule 13d-1(c) and Rule 13d-1(k) respectively as a control person (HC) of Orbimed Advisors LLC and Orbimed Advisors Inc.

Orbimed Advisors Inc. files this statement on Schedule 13G/A in accordance with the provisions of Rule 13d-1(b) and Rule 13d-1(k) respectively as an investment advisor (IA) and Orbimed Advisors LLC files this statement on Schedule 13G in accordance with the provisions or Rule 13d-1(c) and 13d-1(k) respectively as a

corporation (CO).