RIGEL PHARMACEUTICALS INC Form SC 13G/A February 16, 2010

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G (Amendment No. 3)

Under the Securities Exchange Act of 1934

Rigel Pharmaceuticals, Inc. (Name of Issuer)

Common Stock, \$0.001 par value (Title of Class of Securities)

766559603 (CUSIP Number)

December 31, 2009 (Date of Event Which Requires Filing of this Statement)

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

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

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).

^{*} 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.

CUSIP No. 766559603

1	Names of Reporting Persons I.R.S. Identification Nos. of above persons (entities only) D. E. Shaw Valence Portfolios, L.L.C. 13-4046559				
2	Check the Appropria (a) (b)				
3	SEC Use Only				
4	Citizenship or Place Delaware	of Organization			
Number of Shares Beneficiall Owned by Each Reporting Person Wi	ly		Sole Voting Power -0-		
	6.		Shared Voting Power 2,258,264 (1)		
	7.		Sole Dispositive Power -0-		
	8.		Shared Dispositive Power 2,258,264 (1)		
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 2,258,264 (1)				
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o				
11.	Percent of Class Represented by Amount in Row (9) 4.4% (1)				
12.	Type of Reporting Person (See Instructions) OO				
(1) This in	formation is as of February 12	2, 2010. See Item 4 for add	itional details.		

CUSIP No. 766559603

1.	Names of Reporting Persons I.R.S. Identification Nos. of above persons (entities only) D. E. Shaw & Co., L.P. 13-3695715				
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) o				
	(b)	O			
3.	SEC Use Only				
4.	Citizenship or Place of Or Delaware	ganization			
Number of Shares Beneficially Owned by Each Reporting Person With	5.		Sole Voting Power -0-		
	6.		Shared Voting Power 2,259,764 (1)		
	7.		Sole Dispositive Power -0-		
	8.		Shared Dispositive Power 2,263,119 (1)		
9.	 Aggregate Amount Beneficially Owned by Each Reporting Person 2,263,119 (1) Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o 				
10.					
11.	Percent of Class Represented by Amount in Row (9) 4.4% (1)				
12.	Type of Reporting Person (See Instructions) IA, PN				
(1) This information i	is as of February 12, 2010.	See Item 4 for additiona	l details.		

CUSIP No. 766559603

1.

I.R.S. Identification Nos. of above persons (entities only) David E. Shaw 2. Check the Appropriate Box if a Member of a Group (See Instructions) (a) (b) o 3. SEC Use Only 4. Citizenship or Place of Organization **United States** Number of 5. Sole Voting Power -0-Shares Beneficially Owned by Each Reporting Person With 6. **Shared Voting Power** 2,259,764 (1) 7. Sole Dispositive Power -()-8. Shared Dispositive Power 2,263,119 (1) Aggregate Amount Beneficially Owned by Each Reporting Person 2,263,119 (1) 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) o

Names of Reporting Persons

12. Type of Reporting Person (See Instructions)

4.4% (1)

IN

11. Percent of Class Represented by Amount in Row (9)

(1) This information is as of February 12, 2010. See Item 4 for additional details.

Item 1.

(a) Name of Issuer:

Rigel Pharmaceuticals, Inc.

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

1180 Veterans Blvd.

South San Francisco, CA 94080

Item 2.

(a) Name of Person Filing:

D. E. Shaw Valence Portfolios, L.L.C.

D. E. Shaw & Co., L.P.

David E. Shaw

(b) Address of Principal Business Office or, if none, Residence:

The business address for each reporting person is:

120 W. 45th Street, Tower 45, 39th Floor

New York, NY 10036

(c) Citizenship:

D. E. Shaw Valence Portfolios, L.L.C. is a limited liability company organized under the laws

of the state of Delaware.

D. E. Shaw & Co., L.P. is a limited partnership organized under the laws of the state of

Delaware.

David E. Shaw is a citizen of the United States of America.

(d) Title of Class of Securities:

Common Stock, \$0.001 par value

(e) CUSIP Number:

766559603

Item 3. If this statement is filed pursuant to Rule 13d-1(b) or 13d-2(b) or (c), check

whether the person filing is a:

Not Applicable

Item 4. Ownership

As of February 12, 2010 (unless otherwise indicated herein):

(a) Amount beneficially owned:

D. E. Shaw Valence Portfolios, L.L.C.: 2,258,264 shares (2,536,893 shares as of December 31, 2009;

2,580,645 shares as of January 5, 2010)

D. E. Shaw & Co., L.P.: 2,263,119 shares (2,558,272 shares as of December 31, 2009;

2,600,524 shares as of January 5, 2010)

This is composed of (i) 2,258,264 shares (2,536,893 shares as of December 31, 2009; 2,580,645 shares as of January 5, 2010) in the name of

D. E. Shaw Valence Portfolios, L.L.C. and (ii) 4,855 shares (21,379 shares as of December 31, 2009; 19,879 shares as of January 5, 2010) under the management of D. E. Shaw Investment Management, L.L.C.

David E. Shaw:

2,263,119 shares (2,558,272 shares as of December 31, 2009; 2,600,524 shares as of January 5, 2010)

This is composed of (i) 2,258,264 shares (2,536,893 shares as of December 31, 2009; 2,580,645 shares as of January 5, 2010) in the name of

D. E. Shaw Valence Portfolios, L.L.C. and (ii) 4,855 shares (21,379 shares as of December 31, 2009; 19,879 shares as of January 5, 2010) under the management of D. E. Shaw Investment Management, L.L.C.

(b) Percent of class:

D. E. Shaw Valence Portfolios, L.L.C.: 4.4% (4.9% as of December 31, 2009; 5.0% as of January 5, 2010) 4.4% (4.9% as of December 31, 2009; 5.0% as of January 5, 2010) D. E. Shaw & Co., L.P.: 4.4% (4.9% as of December 31, 2009; 5.0% as of January 5, 2010) David E. Shaw:

- (c) Number of shares to which the person has:
- Sole power to vote or to direct the vote: (i)

D. E. Shaw Valence Portfolios, L.L.C.: -0- shares D. E. Shaw & Co., L.P.: -0- shares David E. Shaw: -0- shares

(ii) Shared power to vote or to direct the vote:

> D. E. Shaw Valence Portfolios, L.L.C.: 2,258,264 shares (2,536,893 shares as of December 31, 2009;

> > 2,580,645 shares as of January 5, 2010)

2,259,764 shares (2,550,376 shares as of December 31, 2009; D. E. Shaw & Co., L.P.:

2,594,128 shares as of January 5, 2010)

2,259,764 shares (2,550,376 shares as of December 31, 2009; David E. Shaw:

2,594,128 shares as of January 5, 2010)

Sole power to dispose or to direct the disposition of:

D. E. Shaw Valence Portfolios, L.L.C.: -0- shares D. E. Shaw & Co., L.P.: -0- shares -0- shares David E. Shaw:

(iv) Shared power to dispose or to direct the disposition of:

D. E. Shaw Valence Portfolios, L.L.C.: 2,258,264 shares (2,536,893 shares as of December 31, 2009;

2,580,645 shares as of January 5, 2010)

2,263,119 shares (2,558,272 shares as of December 31, 2009; D. E. Shaw & Co., L.P.:

2,600,524 shares as of January 5, 2010)

David E. Shaw: 2,263,119 shares (2,558,272 shares as of December 31, 2009;

2,600,524 shares as of January 5, 2010)

David E. Shaw does not own any shares directly. By virtue of David E. Shaw's position as President and sole shareholder of D. E. Shaw & Co., Inc., which is the general partner of D. E. Shaw & Co., L.P., which in turn is the managing member and investment adviser of D. E. Shaw Valence Portfolios, L.L.C. and the managing member of D. E. Shaw Investment Management, L.L.C., David E. Shaw may be deemed to have the shared power to vote or direct the vote of 2,259,764 shares (2,550,376 shares as of December 31, 2009; 2,594,128 shares as of January 5, 2010), and the shared power to dispose or direct the disposition of 2,263,119 shares (2,558,272 shares as of December 31, 2009; 2,600,524 shares as of January 5, 2010), the 2,263,119 shares (2,558,272 shares as of December 31, 2009; 2,600,524 shares as of January 5, 2010) as described above constituting 4.4% (4.9% as of December 31, 2009; 5.0% as of January 5, 2010) of the outstanding shares and, therefore, David E. Shaw may be deemed to be the beneficial owner of such shares. David E. Shaw disclaims beneficial ownership of such 2,263,119 shares (2,558,272 shares as of December 31, 2009; 2,600,524 shares as of January 5, 2010).

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 5 percent of the class of securities, check the following [X].

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

Not Applicable

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, each of D. E. Shaw Valence Portfolios, L.L.C., D. E. Shaw & Co., L.P., and David E. Shaw certify that, to the best of such reporting person's 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 such purposes or effect.

SIGNATURE

After reasonable inquiry and to the best of their knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct. A Power of Attorney, dated October 24, 2007, granted by David E. Shaw in favor of Rochelle Elias, is attached hereto.

Dated: February 16, 2010

D. E. Shaw Valence Portfolios, L.L.C.

By: /s/ Rochelle Elias

Rochelle Elias

Authorized Signatory

D. E. Shaw & Co., L.P.

By: /s/ Rochelle Elias

Rochelle Elias

Chief Compliance Officer

David E. Shaw

By: /s/ Rochelle Elias

Rochelle Elias

Attorney-in-Fact for David E. Shaw