

SECURITIES EXCHANGE COMMISSION
Washington, DC 20549

Under the Securities Exchange Act of 1934
(Amendment No. 3)

VERTEX PHARMACEUTICALS INC
(Name of Issuer)

Common Stock
(Title of Class of Securities)

Date of Event Which Requires Filing of this Statement
DECEMBER 31, 2007

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)

92532F100
(CUSIP NUMBER)

1) Name of Reporting Person: Unicredito Italiano S.p.A.

IRS Identification No. of Above 000000000

2) Check the Appropriate Box of A Member of Group (See Instructions) (a)
(b)

3) SEC Use Only

4) Citizenship of Place of Organization Italy

| | | |
|---|-----------------------------|-----------|
| Number of Shares Beneficially Owned by Each Reporting Person With | (5)Sole Voting Power | 1,383,294 |
| | (6)Shared Voting Power | 0 |
| | (7)Sole Dispositive Power | 1,383,294 |
| | (8)Shared Dispositive Power | 0 |

9) Aggregate Amount Beneficially Owned by Each Reporting Person 1,383,294

10) Check if the aggregate Amount in Row (9) Exclude Certain Shares (See Instructions)

11) Percent of Class Represented By Amount in Row 9. 1.1%

12) Type of Reporting Person (See Instructions) HC

Item 1(a) Name of Issuer.
VERTEX PHARMACEUTICALS INC

Item 1(b) Address of Issuer's Principal Executive Offices:
130 WAVERLY STREET
CAMBRIDGE, MA 02139
United States

Item 2(a) Name of Person Filing:
Unicredito Italiano S.p.A.

Item 2(b) Address of Principal Business Office:

Piazza Cordusio 2
20123 Milan, Italy

Item 2(c) Citizenship:

Italy

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) Cusip Number:

92532F100

Item 3 The person filing this statement pursuant to Rule 13d-1(b) or 13d-2(b) is:

(Inapplicable)

Item 4. Ownership.

(a) Amount Beneficially Owned: 1,383,294

(b) Percent of Class: 1.1%

(c) Number of shares as to which such person has

(i) sole power to vote or to direct the vote 1,383,294

(ii) shared power to vote or to direct vote 0

(iii) sole power to dispose or to direct disposition of 1,383,294

(iv) shared power to dispose or to direct disposition 0

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 here: X

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

Inapplicable.

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

Inapplicable.

Item 8. Identification and Classification of Members of the Group.

Inapplicable.

Item 9. Notice of Dissolution of the Group.

Inapplicable.

Item 10. Certification.

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.

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
JANUARY 28, 2008

/s/Dario Frigerio
Name: Dario Frigerio
Title: Head of Private Banking and Asset Management Division

/s/Paolo Fiorentino
Name: Paolo Fiorentino
Title: Head of Global Banking Services Division