SANOFI-AVENTIS Form SC 13G/A February 14, 2005

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 2)¹

Sanofi Aventis

(Name of Issuer)

Shares, nominal value 2 euro

(Title of Class of Securities)

80105N 10 5²

(CUSIP Number)

December 31, 2004

(Date of Event Which Requires Filing of this Statement)

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

o Rule 13d-1(b)

o Rule 13d-1(c)

þ Rule 13d-1(d)

¹The 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).

²This CUSIP number applies to the Issuer s American Depositary Shares, each representing one-half of one ordinary share.

13G					
CUSIP No	o. 801	05N	105	Page 2 of 6	
1.	Nan Tota	ne of al S.A	f Reporting Person: I.R.S. Identification Nos. of above pers A.	ons (entities only):	
2.	 2. Check the Appropriate Box if a Member of a Group: (See Instructions) (a) o (b) o 				
3.	SEC	C Use	e Only:		
 Citizenship or Place of Organization: France 					
Number		5.	Sole Voting Power: 178,476,513 (shares carry double voting rights) (see Item 4)		
Shares Beneficially Owned by Each Reporting		6.	Shared Voting Power: - 0 -		
Person With	'ith	7.	Sole Dispositive Power: 178,476,513 (shares carry double voting rights) (see Item 4)		
		8.	Shared Dispositive Power: - 0 -		
9.		rega ,476,	te Amount Beneficially Owned by Each Reporting Person: 513		
10.	Che	ck if	the Aggregate Amount in Row (9) Excludes Certain Shares: (See Instructions)		

0

11.

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Percent of Class Represented by Amount in Row (9):

12.65% (based on the number of shares reported by the Issuer as being outstanding as of December 31, 2004); percent of voting rights,

21.49% (based on the number of voting rights reported by the Issuer as being outstanding as of August 25, 2004)

12. Type of Reporting Person: HC

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<u>SIGNATURE</u> <u>Exhibit A</u>

Item 1(a).	Name of Issuer:
	Sanofi Aventis
Item 1(b).	Address of Issuer s Principal Executive Offices:
	174, avenue de France 75013 Paris France

Item 2(a),Name of Person Filing; Address of Principal Business Office or, if None, Residence; and(b) and (c).Citizenship:

This statement is being filed by Total S.A., a company organized under the laws of France. Total S.A. s principal business is oil, gas and chemicals. The address of Total S.A. s principal business and office is 2, place de la Coupole, La Défense 6, 92078 Paris La Défense Cedex, France.

Item 2(d).	Title of Class of Securities:				
	Shares,	nominal value 2 euro			
Item 2(e).	CUSIP	Number:			
	80105N	N 10 5			
Item 3.	Item 3. If this Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether Person Filing is a:				
(a)	0	Broker or Dealer registered under Section 15 of the Exchange Act.			
(b)	0	Bank as defined in Section 3(a)(6) of the Exchange Act.			
(c)	0	Insurance company as defined in Section $3(a)(19)$ of the Exchange Act.			
(d)	0	Investment company registered under Section 8 of the Investment Company Act.			
(e)	0	An investment advisor in accordance with Rule 13d-1(b)(1)(ii)(E).			
(f)	0	An employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F).			
(g)	0	A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).			
(h)	0	A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act.			
(i)	0	A church plan that is excluded from the definition of an investment company under Section $3(c)(14)$ of the Investment Company Act.			
(j)	0	Group, in accordance with Rule 13d-1(b)(l)(ii)(J).			

Item 4. Ownership

As of December 31, 2004, Total S.A. beneficially owned the following shares indirectly through its subsidiaries Elf Aquitaine and Valorisation et Gestion Financière:

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Amount beneficially owned: Percent of class: Number of shares as to which such person has:

Sole power to vote: Shared power to vote: Sole power to dispose of: Shared power to dispose of: 178,476,513 12.65%; percent of voting rights, 21.49%

178,476,513 (these shares carry double voting rights) -0-178,476,513 -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 the following [].

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.

Of the 178,476,513 shares being reported hereunder, Total S.A. indirectly has the power to vote and dispose of 178,476,473 shares being reported on hereunder through two subsidiaries identified in Exhibit A attached hereto, and the remaining 40 shares through certain other persons.

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

Not applicable.

Item 9. Notice of Dissolution of the Group.

On April 9, 1999, Elf Aquitaine (now a subsidiary of Total S.A.) entered into a shareholders agreement with L Oréal with respect to the parties shareholdings in the Issuer. The parties amended the shareholders agreement on November 24, 2003 and August 30, 2004, providing, inter alia, for the termination of the shareholders agreement effective December 2, 2004. As from December 2, 2004, Total and L Oréal have ceased to be members of a Group in respect of the Issuer s shares.

Item 10. Certifications.

Not Applicable.

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SIGNATURE

After reasonable inquiry and to the best of the undersigned sknowledge and belief, the undersigned certifies that the information set forth in this statement is true, complete and correct.

TOTAL S.A.

By: /s/ Charles Paris de Bollardière Name: Charles Paris de Bollardière Title: Treasurer

Date: February 14, 2005

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Schedule 13G Exhibit A

Identification and Classification of Members of Subsidiaries

Elf Aquitaine

Elf Aquitaine, a company organized under the laws of France, is a 99.4% held subsidiary of Total S.A. Elf Aquitaine is a holding company. The address of Elf Aquitaine s principal business and office is 2, place de la Coupole, La Défense 6, 92400 Courbevoie, France.

Elf Aquitaine beneficially owns the following shares:

Amount beneficially owned:	141,492,295	
Percent of class:	10.02%; percent of voting rights, 17.04%	
Number of shares as to which such person has:		
Sole power to vote:	141,492,295 (shares carry double voting rights)	
Shared power to vote:	-0-	
Sole power to dispose of:	141,492,295	
Shared power to dispose of:	-0-	

Valorisation et Gestion Financière

Valorisation et Gestion Financière, a company organized under the laws of France, is a wholly owned subsidiary of Elf Aquitaine, itself a 99.4% held subsidiary of Total S.A. The principal business of Valorisation et Gestion Financière is to hold certain investments on behalf of Total S.A. The address of Valorisation et Gestion Financière s principal business and office is 2, place de la Coupole, La Défense 6, 92400 Courbevoie, France.

Valorisation et Gestion Financière beneficially owns the following shares:

Amount beneficially owned: Percent of class: Number of shares as to which such person has:	36,984,178 2.62%; percent of voting rights, 4.45%
Sole power to vote:	36,984,178 (shares carry double voting rights)
Shared power to vote:	-0-
Sole power to dispose of:	36,984,178
Shared power to dispose of:	-0-