

Sanofi  
Form 6-K  
January 24, 2012

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 6-K**

**REPORT OF FOREIGN PRIVATE ISSUER**  
**PURSUANT TO RULE 13a-16 OR 15d-16**  
**UNDER THE SECURITIES EXCHANGE ACT OF 1934**

For the month of January 2012

Commission File Number: 001-31368

**SANOFI**

(Translation of registrant's name into English)

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174, avenue de France, 75013 Paris, FRANCE

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If  Yes  marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82-

In January 2012, Sanofi issued the press release attached hereto as Exhibits 99.1 which is incorporated herein by reference.

**Exhibit List**

Exhibit	No.	Description
Exhibit 99.1		Press release dated January 24, 2012: Genzyme Announces FDA Approval of Framingham Manufacturing Plant.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Dated: January 24, 2012

SANOFI

By /S/ John Felitti  
Name: John Felitti  
Title: Associate Vice President,  
Corporate Law, Financial & Securities Law

**Exhibit Index**

Exhibit	No.	Description
Exhibit 99.1		Press release dated January 24, 2012: Genzyme Announces FDA Approval of Framingham Manufacturing Plant.