

SANOFI-AVENTIS
Form 6-K
October 31, 2007

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 October 2007

Commission File Number: 001-31368

SANOFI-AVENTIS

(Translation of registrant's name into English)

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):

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

In October 2007, sanofi-aventis issued the press release attached hereto as Exhibit 99.1 which is incorporated herein by reference.

Exhibit List

| Exhibit No. | Description |
|--------------------|----------------------------------------------------------------------------|
| Exhibit 99.1 | Press release dated October 31, 2007: Third Quarter 2007 Earnings Release. |

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: October 31, 2007

SANOFI-AVENTIS

By /S/ Patricia Kodyra
Name: Patricia Kodyra
Title: Associate Vice President

Financial and Securities Law

Exhibit Index

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