Case 1:14-cv-00113-RGA-MPT Document 21-1 Filed 04/10/14 Page 1 of 123 PageID #: 610

EXHIBIT 1

As filed with the Securities and Exchange Commission on April 8, 2002	
 SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549	
FORM 20-F	
REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES EXCHANGE ACT OF 1934	
OR	
ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the fiscal year ended December 31, 2001	
OR	
TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the transition period from to	
Commission file number: 1-10378	
Aventis (Exact name of Registrant as specified in its charter)	
Not applicable Republic of France	

(Translation of Registrant's name into English)

(Jurisdiction of incorporation or organization)

67917 Strasbourg cedex 9

France

(Address of principal executive offices)

Securities registered or to be registered pursuant to Section 12(b) of the Act:

Title of each class:	
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Name of each exchange on which registered

American Depositary Shares, each representing one Ordinary Share	
nominal value € 3.82 per share	
Ordinary Shares, nominal value € 3.82 per share*	
Guarantee of 81/18% Cumulative Preference Shares of Aventis Overseas Ltd	

New York Stock Exchange New York Stock Exchange New York Stock Exchange

Securities registered or to be registered pursuant to Section 12(g) of the Act:

American Depositary Shares, each representing one quarter of a Participating Share Series A par value € 70.89 per share.**

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act: None

- Listed not for trading or quotation purposes, but only in connection with the registration of the American Depositary Shares pursuant to the (*) requirements of the Securities and Exchange Commission.
- (**) The American Depositary Shares representing Participating Shares Series A were removed from listing and registration on the New York Stock Exchange effective July 31, 1995.

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of the close of the period covered by the annual report:

Ordinary Shares, nominal value € 3.82 per Share: 795,621,603

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period for which the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

Yes 🗵

Indicate by check mark which financial statement item the registrant has elected to follow.

Item 17 🗆 Item 18 🖂

Diabetes

Lantus (insulin glargine) is the first true once-daily long-acting basal insulin for treatment of type 1 and type 2 diabetes. After one daily injection before bedtime, Lantus is released into the body steadily and continuously with little variation in the amount of insulin in the body and provides patients with 24-hour basal glucose (blood sugar) control. First launched in Germany in June 2000, Lantus was launched in the United States in May 2001.

Amaryl (glimepiride) is a once-daily sulfonylurea for the oral treatment of type 2 diabetes, which accounts for more than 90% of the people diagnosed with diabetes worldwide, as an adjunct to diet and exercise. Amaryl reduces the body's blood glucose (blood sugar) level primarily by helping the body produce more insulin. Amaryl is the first oral diabetes drug in its class to receive three indications: either as a monotherapy or in combination with insulin or metformin, another oral diabetes treatment. First launched in 1996, Amaryl is now available in more than 50 countries worldwide.

Insuman (human insulin) is a biosynthetic insulin identical to that produced by the human body and is used for treatment of type 1 and type 2 diabetes. It was launched in Germany in 1999, followed by other European countries. Insuman is currently available in more than 13 countries, led by Germany and Austria. Aventis does not sell this product in the United States.

Arthritis/Osteoporosis

Actonel (risedronate sodium) is a novel bisphosphonate approved for treatment and prevention of osteoporosis, a disease that causes bones to become weaker, in postmenopausal women and for the treatment of corticosteroid-induced osteoporosis. It is also approved for treatment of Paget's disease, which leads to excessive formation of abnormal bone that is weak and at risk of fracturing. Actonel is the only bisphosphonate that has shown rapid clinical vertebral fracture reduction in as early as six months and has shown sustained fracture reduction over up to five years. Actonel is being co-developed and co-marketed in partnership with Procter & Gamble Pharmaceuticals. It was approved and launched in Sweden in 1999, received U.S. and EU approval in 2000 and is currently approved in more than 65 countries worldwide.

Arava (leflunomide) is a novel disease-modifying anti-rheumatic drug ("DMARD") for first-line treatment of rheumatoid arthritis, a debilitating disease that leads to inflammation in the lining of the joints. It is the first drug to be indicated to reduce the signs and symptoms of rheumatoid arthritis and to retard structural damage, such as erosions and joint-space narrowing, as evidenced by X-ray. Arava offers once-daily dosing and can be used in both early and late stages of the disease. This brand was launched in the United States in 1998 and is available in 37 countries, including the EU and areas of Latin America.

Anti-Infectives

DOCKE

Ketek (telithromycin) is the world's first ketolide antibiotic to be marketed and has been developed specifically to treat community-acquired respiratory tract infections, including those caused by bacteria resistant to commonly used antibiotics. The unique mode of action of Ketek results from dual-binding sites for bacteria as opposed to single-binding sites for currently available antibiotics. The pharmacokinetic profile of this drug allows for a convenient, once-daily regimen, short-course treatment option for most indications that is expected to encourage better patient adherence to treatment.

Ketek received EU marketing approval in July 2001 for the treatment of community-acquired respiratory tract infections, including those caused by bacteria resistant to commonly used antibiotics. The first market launch was Germany in October 2001, followed by other EU countries. Ketek has received an approvable letter from the U.S. Food and Drug Administration ("FDA") for the treatment of community-acquired pneumonia ("CAP") as well as for acute bacterial exacerbation of chronic bronchitis ("ABECB") and acute bacterial sinusitis ("ABS"), although non-approvable for tonsillitis/pharyngitis without additional data. Aventis is working closely with the FDA to gain approval for Ketek.

23

Case 1:14-cv-00113-RGA-MPT Document 21-1 Filed 04/10/14 Page 4 of 123 PageID #: 613

EXHIBIT 2

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5,656,722 [11] **Patent Number: Date of Patent:** Aug. 12, 1997

Dörschug

[54] A²¹-, B³⁰ - MODIFIED INSULIN DERIVATIVES HAVING AN ALTERED **ACTION PROFILE**

- [75] Inventor: Michael Dörschug, Bochum, Germany
- [73] Assignee: Hoechst Aktiengesellschaft, Frankfurt am Main, Germany
- [21] Appl. No.: 304,593
- [22] Filed: Sep. 12, 1994

Related U.S. Application Data

[63] Continuation of Ser. No. 46,481, Apr. 9, 1993, abandoned, which is a continuation of Ser. No. 929,510, Aug. 19, 1992, abandoned, which is a continuation of Ser. No. 431,844, Nov. 6, 1989, abandoned.

Foreign Application Priority Data [30]

Nov. 8, 1988 [DE] Germany 38 37 825.6

- [51] Int. CL⁶ A61K 38/28
- [58] Field of Search 530/303, 304;

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RM

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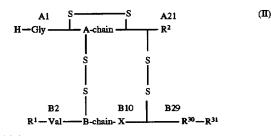
Primary Examiner-David Lukton

Attorney, Agent, or Firm-Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.

ABSTRACT [57]

New insulin derivatives, the use thereof, and a pharmaceutical composition containing them

Insulin derivatives having an isoelectric point between 5 and 8.5, or physiologically tolerated salts thereof, of the Formula Π



in which:

514/3.12

[45]

- \mathbf{R}^1 at position B1 denotes H or H-Phe;
- \mathbf{R}^2 at position A21 denotes a genetically encodable L-amino acid selected from the group consisting of Gly, Ala, Val, Leu, Ile, Pro, Phe, Trp, Met, Ser, Thr, Cys, Tyr, Asp, and Glu:
- R^{30} represents the residue of a neutral genetically encodable L-amino acid selected from the group consisting of Ala, Thr, and Ser;
- R^{31} represents 1, 2, or 3 neutral or basic alpha amino acids, wherein at least one of the alpha amino acids is selected from the group consisting of Arg, Lys, Hyl, Orn, Cit, and His:
- X represents His at position B10; and
- the sequences A1 to A20 and B1 to B29 in Formula II correspond to a mammalian insulin;
- excluding those insulin derivatives in which simultaneously: \mathbf{R}^1 at position **B1** denotes Phe; and
- R^3 is one alpha amino acid having a terminal carboxyl group.

15 Claims, No Drawings

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