

UNITED STATES PATENT AND TRADEMARK OFFICE

(12) CERTIFICATE EXTENDING PATENT TERM
UNDER 35 U.S.C. § 156

(68) PATENT NO. : 5,180,668
(45) ISSUED : January 19, 1993
(75) INVENTOR : Peter Crause, et al.
(73) PATENT OWNER : Aventis Pharma Deutschland GmbH
(95) PRODUCT : Refludan (lepirudin)

This is to certify that an application under 35 U.S.C. § 156 has been filed in the United States Patent and Trademark Office, requesting extension of the term of U.S. Patent No. 5,180,668 based upon the regulatory review of the product Refludan (lepirudin) by the Food and Drug Administration. Since it appears that the requirements of the law have been met, this certificate extends the term of the patent for the period of

(94) 777 days

from January 19, 2010, the original expiration date of the patent, subject to the payment of maintenance fees as provided by law; with all rights pertaining thereto as provided by 35 U.S.C. § 156(b).



I have caused the seal of the United States Patent and Trademark Office to be affixed this 28th day of March 2006.

Jon W. Dudas
Jon W. Dudas
Under Secretary of Commerce for Intellectual Property and
Director of the United States Patent and Trademark Office