UNITED STATES PATENT AND TRADEMARK OFFICE

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

PATENT NO. : 4,048,306
ISSUED : September 13, 1977
INVENTOR(S) : Roland Maier et al.
PATENT OWNER : Boehringer Ingelheim GmbH

This is to certify that there has been presented to the

COMMISSIONER OF PATENTS AND TRADEMARKS

an application under 35 U.S.C. § 156 for an extension of the patent term. Since it
appears that the requirements of the law have been met, this certificate extends the term of
the patent for the period of

1,626 days

from September 13, 1994, the original expiration date of the patent, with all rights
pertaining thereto as provided by 35 U.S.C. § 156(b).

I have caused the seal of the Patent and Trademark
Office to be affixed this 5th day of September 1997.

Bruce A. Lehman
Assistant Secretary of Commerce and
Commissioner of Patents and Trademarks