Introduction

This reference work describes the production/isolation processes of about 1300 active pharmaceutical substances (including the syntheses of the corresponding intermediates) that are currently marketed. In order to illustrate what particular information can be drawn from the book an excerpt of a typical monograph is depicted and labelled on the next two pages. The content shown has been shortened for demonstration purposes. A larger version of this sample entry is also available at www.thieme-chemistry.com.

Frequently used abbreviations are explained in a separate list, q.v. front and back endpapers.

With respect to the names of reagents and intermediates in the course of the syntheses the authors tried to use the names found in the catalogues of commercial providers of fine chemicals, e.g. Sigma-Aldrich, otherwise the Chemical Abstracts Names are given.

In addition to the respective patents and publications in journals several standard reference books for Pharmaceuticals and Fine Chemicals were used and sometimes also cited. The most important sources are named here:

- The Merck Index, 14.ed., Merck & Co., Inc.; NJ 2006
- Index Nominum, 18./19. ed., medpharm GmbH, Stuttgart 2004/2008
- D.Lednicer, The Organic Chemistry of Drug Synthesis, vols. 1-7, 1977-2008, Wiley-Interscience, New York
- Ullmann's Encyclopedia of Industrial Chemistry, 5.ed., vols. A1-A28, B1-B8, Wiley-VCH, Weinheim 1985-1997
- Ullmann's Encyclopedia of Industrial Chemistry, 6.ed., online version with regular updates, Wiley-VCH, Weinheim
- USP Dictionary of USAN and International Drug Names, US Pharmacopeia, Rockville, MD, 2008

The acute toxicity data were in most cases taken from different data banks or other secondary sources, so no guarantee can be given for validity.