

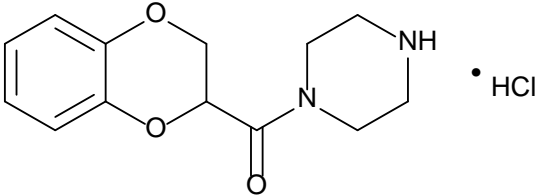
# Certificate

## DOXAZOSIN RELATED COMPOUND A

*(N-1,4-Benzodioxane-2-carbonyl piperazine hydrochloride)*

USP Catalog No.: 1225420

USP Lot No.: R041Y0

	CAS No.: 70918-74-0
	Molecular Formula: C <sub>13</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> •HCl
	Molecular Weight: 284.74 (248.28, free base)

**LABEL TEXT**

For use with specified USP compendial tests.  
Not for use as a drug. See SDS prior to use at  
[www.usp.org/sds](http://www.usp.org/sds).



Lot: R041Y0

**USP REFERENCE STANDARD**

**DOXAZOSIN RELATED COMPOUND A 20 mg**

(N-1,4-Benzodioxane-2-carbonyl piperazine hydrochloride)



Danger! Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled. May cause damage to organs (liver) through prolonged or repeated exposure.

Do not dry. The material is the hydrochloride salt form. For quantitative applications, use a value of 0.86 mg of doxazosin related compound A per mg of material on the as is basis. The assigned value has been corrected for the hydrochloride. Keep container tightly closed. Protect from light. Store in a refrigerator.

USP, 12801 Twinbrook Pkwy, Rockville, MD, +1-301-881-0866  
Cat. No. 1225420 Material mfd. in China

Wash thoroughly after handling. Do not breathe dust. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing. If swallowed: Immediately call a poison center/doctor. Rinse mouth. If on skin: Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Call a poison center/doctor if you feel unwell. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor. Get medical advice/attention if you feel unwell. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

*Jeri L. Joth*

*Quality Assurance*

**Calculation Value**

If a value is not provided on the label or accompanying documentation and the Reference Standard has a quantitative USP compendial application, a value of 100.0% is used. The purity value is not applicable for qualitative uses. Please refer to the specific Reference Standard label for further information.

**Expiration**

Current lots are identified in the current USP Catalog. In some cases, the previous lot may still be considered valid for use. If so, it is identified in the column marked "Previous Lot/Valid Use Date."

It is the responsibility of each user to determine that this lot is current or valid when used. For the most up-to-date information, please refer to the USP Store at [www.usp.org](http://www.usp.org).

**Instructions for Use**

Follow the instructions on the label of the USP Reference Standard and in the appropriate USP documentary standard(s).

**Non-Monograph Use**

The suitability of this Reference Standard for use in non-compendial applications is solely the responsibility of the user.

**LEGAL NOTICE**

USP WARRANTS GOOD TITLE TO USP REFERENCE STANDARDS ON DISPATCH FROM USP. THE FOREGOING WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY THAT THE PRODUCTS, INCLUDING THIS CERTIFICATE, ARE OF MERCHANTABILITY QUALITY. USP'S LIABILITY ARISING OUT OF OR RELATING TO THE SUPPLY OF USP REFERENCE STANDARDS AND THIS CERTIFICATE SHALL IN NO EVENT INCLUDE LOSS OF PROFITS, COST OF PROCURING SUBSTITUTE GOODS OR SERVICES, OR ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES OF ANY KIND, EVEN IF USP IS AWARE OF THE POSSIBILITY OF SUCH DAMAGES. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, USP DOES NOT WARRANT THAT THE USE OR RESALE OF USP REFERENCE STANDARDS, INCLUDING THEIR USE TO PERFORM TESTS AND ASSAYS PUBLISHED BY USP, WILL NOT INFRINGE UNITED STATES OR ANY OTHER PATENTS.

USP Reference Standards are not intended for use as drugs, dietary supplements, or as medical devices.

This certificate may not be reproduced without the express written permission of USP.