

Certificate

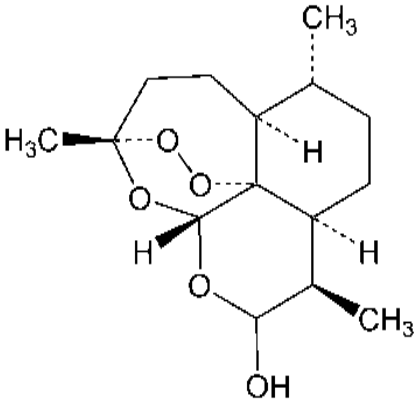
DIHYDROARTEMISININ

((3*R*,5*aS*,6*R*,8*aS*,9*R*,12*R*,12*aR*)-Decahydro-10-hydroxy-3,6,9-trimethyl-3,12-epoxy-12*H*-pyrano[4,3-*j*]-1,2-benzodioxepin)

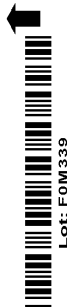
USP Catalog No.: 1200520

USP Lot No.: F0M339

Only compendial components as listed in the monograph are shown below

 <p>The chemical structure of Dihydroartemisinin is a complex polycyclic molecule. It features a decalene core with a fused pyran ring, a benzodioxepine system, and a hydroxyl group. Stereochemistry is indicated with wedges and dashes: a methyl group at C-3 is wedged, a methyl group at C-9 is dashed, a methyl group at C-12 is wedged, and a hydrogen at C-10 is dashed. The pyran ring has an oxygen at C-10 and a hydroxyl group at C-11. The benzodioxepine system consists of a benzene ring fused to a dioxepine ring, with an oxygen at C-1 and a hydrogen at C-2.</p>	CAS No.	81496-81-3
	Molecular Formula	C ₁₅ H ₂₄ O ₅
	Molecular Weight	284.35

LABEL TEXT



Lot: F0M339

USP REFERENCE STANDARD

DIHYDROARTEMISININ 200 mg

Warning! Suspected of damaging fertility or the unborn child.

Do not dry. For quantitative applications, use a value of 0.988 mg of dihydroartemisinin (sum of isomers) per mg of material on the as is basis. Protect from light. Inject immediately after preparation. Store in a refrigerator.

USP, 12601 Twinbrook Pkwy, Rockville, MD, +1-301-881-0666
CAT No. 1200520 Material mfd. in India

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. If exposed or concerned: Get medical advice/attention. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

For use with specified USP compendial tests. Not for use as a drug. See SDS prior to use at www.usp.org/sds.

Jeri L. Joth

Quality Assurance

Calculation Value

Unless otherwise stated on the Reference Standard label, a value of 100.0% should be used in the compendial applications for which the use of this Reference Standard is intended. 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.

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.

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