

Status: Currently Official on 14-Feb-2025
Official Date: Official Prior to 2013
Document Type: Reagents
DocId: GUID-35680F89-0381-4E49-85E2-238C11FFBAAA_1_en-US
DOI: https://doi.org/10.31003/USPNF_R1910_01_01
DOI Ref: 4sid2

© 2025 USPC
Do not distribute

Dihydroquinine

(Hydroquinine), $C_{20}H_{26}N_2O_2$ 326.43 CAS RN[®]: 522-66-7.—Freely soluble in acetone, in alcohol, and in chloroform; almost insoluble in water.

• Assay

Mobile phase: Prepare a mixture of water, acetonitrile, diethylamine, and methanesulfonic acid (860:100:20:20) and methanol (82:18).

Procedure: Inject about 20 μ L into a suitable liquid chromatograph (see [Chromatography \(621\)](#)) equipped with a 235-nm detector and a 4.6-mm \times 15-cm column that contains packing L1. The flow rate is about 1.5 mL per minute. The area of the $C_{20}H_{26}N_2O_2$ peak is not less than 97.5% of the total peak area.

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
DIHYDROQUININE	Margareth R.C. Marques Principal Scientific Liaison	HDQ Headquarters

Most Recently Appeared In:

Pharmacopeial Forum: Volume No. Information currently unavailable

Current DocId: [GUID-35680F89-0381-4E49-85E2-238C11FFBAAA_1_en-US](#)

DOI: https://doi.org/10.31003/USPNF_R1910_01_01

DOI ref: [4sid2](#)