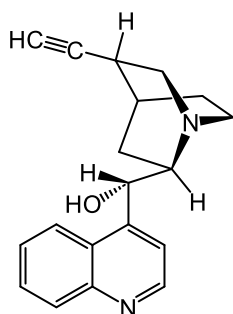


Didehydrocinchonine

Buchler specification

STRUCTURE



SYNONYMS

10,11-Didehydrocinchonine,
(S)-[(2R,4S,5S)-5-Ethynyl-1-azabicyclo[2.2.2]oct-2-yl](quinolin-4-yl)methano

APPEARANCE

White to almost white crystalline powder

CHEMICAL DATA

Formula $C_{19}H_{20}N_2O$
CAS Number 157319-37-4

STORAGE

Store in the original packaging to protect from light. No specific temperature requirements.

ORIGIN

Product is made in the European Union.

VERSION / VALID FROM

01 / 05.09.2024

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	$\leq 5.0 \%$
Specific optical rotation (on dry basis, $c = 1.0$ in MeOH, $[\alpha]^{20}_D$)	154° to 184°
Chemical purity (HPLC Area%) Didehydrocinchonine	$\geq 95.0 \%$
Assay (on dry basis)	$\geq 98.0 \%$