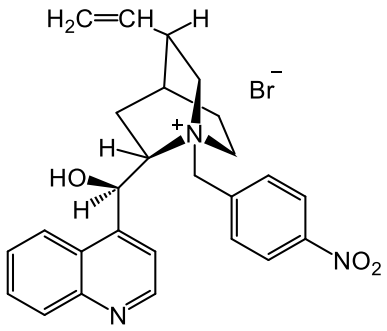
N-(4-Nitrobenzyl)-cinchonidinium Bromide

Buchler specification

STRUCTURE



SYNONYMS

(8α,9R)-1-[(4-nitrophenyl)methyl]-9-hydroxy-Cinchonanium bromide; (1S,2S,4S,5R)-2-((R)-hydroxy(quinolin-4-yl)methyl)-1-(4-nitrobenzyl)-5-vinylquinuclidin-1-ium bromide

APPEARANCE

Offwhite crystalline powder

PARAMETER	LIMIT
Identification by HPLC	passes
Water content (Karl Fischer)	≤ 8.0 %
Specific optical rotation (on dry basis, c = 1.0 in 0.2M HCl, $[\alpha]^{20}_{D}$)	- 175° to - 205°
Chemical purity (HPLC Area%) N-(4-Nitrobenzyl)-cinchonidinium Bromide	≥ 95.0 %
Assay (on dry basis)	≥ 98.0 %

CHEMICAL DATA

Formula	$C_{26}H_{28}N_3O_3 \cdot Br$
CAS Number	123355-59-9

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 / 20.10.2026

Buchler GmbH
Harxbütteler Straße 3
38110 Braunschweig, Germany
www.buchler-gmbh.com

Sitz Braunschweig
Amtsgericht Braunschweig HRB 9223
Geschäftsführer: Albrecht Perrin, Sebastian Lerg
USt-IdNr.: DE 224208451

Deutsche Bank AG IBAN DE11 2707 0030 0199 5109 00
BIC DEUTDE2H270
Commerzbank AG IBAN DE69 2704 0080 0516 1500 00
BIC COBADEFF270