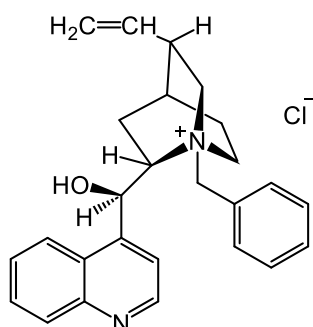


N-Benzylcinchonidinium Chloride

Buchler specification

STRUCTURE



SYNONYMS

(8 α ,9*R*)-1-benzyl-9-hydroxycinchonanium chloride
(1*S*,2*S*,4*S*,5*R*)-1-benzyl-2-((*R*)-hydroxy(quinolin-4-yl)methyl)-5-vinyl-quinuclidin-1-ium chloride

APPEARANCE

White to beige crystalline powder

CHEMICAL DATA

Formula C₂₆H₂₉ClN₂O
CAS Number 69257-04-1

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

02 / 21.11.2025

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	≤ 5.0 %
Specific optical rotation (on dry basis, c = 1.0 in MeOH, [α] ²⁰ _D)	- 170° to - 200°
Chemical purity (HPLC Area%)	
N-Benzylcinchonidinium Chloride	≥ 95.0 %
N-Benzylidihydrocinchonidinium Chloride	≥ 5.0 %
Any other impurity	≥ 1.5 %
Assay (on dry basis)	≥ 98.0 %