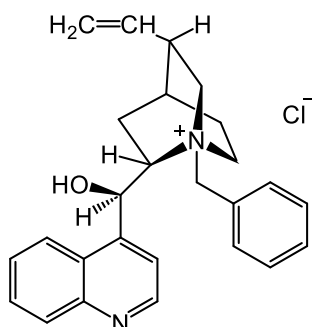


N-Benzylcinchonidinium Chloride

Buchler specification

STRUCTURE



SYNONYMS

8*S*,9*R*-N-Benzylcinchonidinium-chloride
(8*α*,9*R*)-1-benzyl-9-hydroxycinchonanium chloride
1-Benzylcinchonidinium chlorid
(8*α*,9*R*)- 9-hydroxy-1-(phenylmethyl)-Cinchonanium 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

01 / 31.08.2023

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	≤ 5.0 %
Specific optical rotation (on dry basis, c = 1.0 in H ₂ O, [α] ²⁰ _D)	- 183° to - 195°
Chemical purity (HPLC Area%)	
N-Benzylcinchonidinium	≥ 95.0 %
N-Benzylidihydrocinchonidinium	≥ 5.0 %
Any other impurity	≥ 1.5 %
Assay (on dry basis)	≥ 98.0 %