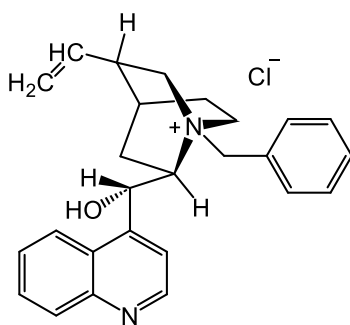


N-Benzylcinchoninium Chloride

Buchler specification

STRUCTURE



SYNONYMS

(8R,9S)-N-Benzylcinchoninium chloride, (8 β ,9S)-1-benzyl-9-hydroxy-cinchonanum chloride, 1-Benzylcinchoninium chloride, (9S)- 9-hydroxy-1-(phenylmethyl)-Cinchonanum chloride, (2R,4S,5R)-1-Benzyl-2-((S)-hydroxy(quinolin-4-yl)methyl)-5-vinylquinuclidin-1-ium chloride

APPEARANCE

White to beige crystalline powder

CHEMICAL DATA

Formula $C_{26}H_{29}ClN_2O$
CAS Number 69221-14-3

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 / 24.06.2026

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	$\leq 5.0 \%$
Specific optical rotation (on dry basis, $c = 1.0$ in MeOH, $[\alpha]^{20}_D$)	$+ 168^\circ$ to $+ 198^\circ$
Chemical purity (HPLC Area%) N-Benzylcinchoninium	$\geq 95.0 \%$
Assay (on dry basis)	$\geq 98.0 \%$