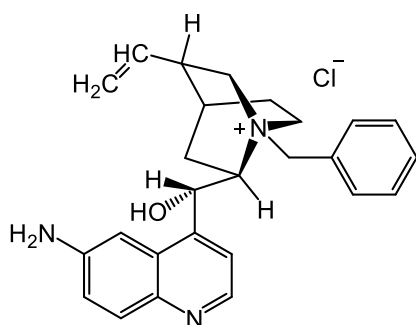


N-Benzyl-6'-aminocinchoninium Chloride

Buchler specification

STRUCTURE



SYNONYMS

(8 β ,9S)-6'-amino-9-hydroxy-1-(phenylmethyl)-Cinchonanium chloride (1:1), (8 β ,9S)-9-hydroxy-6'-amino-1-(phenylmethyl)-Cinchonanium chloride, (8 β ,9S)-1-Benzyl-9-hydroxy-6'-aminocinchonan-1-ium chloride, (8R,9S)-N-Benzyl-6'-aminocinchoninium chloride, (2R,4S,5R)-1-Benzyl-2-((S)-hydroxy(6-aminoquinolin-4-yl)methyl)-5-vinylquinuclidin-1-ium chloride

APPEARANCE

Beige crystalline powder

CHEMICAL DATA

Formula C₂₆H₃₀ClN₃O

CAS Number -

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)	≤ 5.0 %
Specific optical rotation (on dry basis, c = 1.0 in MeOH, [α] ²⁰ _D)	+ 352° to + 382°
Chemical purity (HPLC Area%)	
N-Benzyl-6'-Aminocinchoninium	≥ 90.0 %
N-Benzyl-6'-Aminodihydrocinchoninium	≤ 10.0 %
Any other impurity	≤ 1.5 %
Assay (on dry basis)	≥ 98.0 %