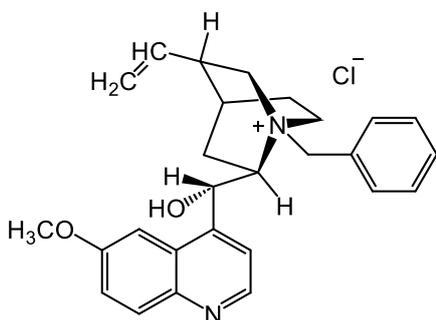


N-Benzylquinidinium Chloride

Buchler specification

STRUCTURE



SYNONYMS

Cinchonan-1-ium, 9-hydroxy-6'-methoxy-1-(phenylmethyl)-, chloride, (8β,9S)
1-Benzyl-9-hydroxy-6'-methoxycinchonan-1-ium chloride
(8β,9S)-1-benzyl-6'-methoxycinchonan-1-ium-9-ol chloride
(8R,9S)-N-Benzylquinidinium chloride

APPEARANCE

White to yellow crystalline powder

CHEMICAL DATA

Formula C₂₇H₃₁ClN₂O₂
CAS Number 77481-82-4

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 / 07.11.2025

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)	220 ° to 250 °
Chemical purity (HPLC Area%)	
N-Benzylquinidinium	≥ 95.0 %
N-Benzylidihydroquinidinium	≥ 5.0 %
Any other impurity	≥ 1.5 %
Assay (on dry basis)	≥ 98.0 %