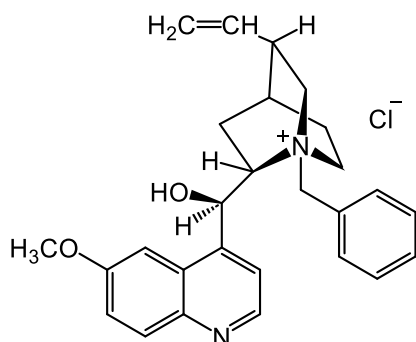


N-Benzylquininium Chloride

Buchler specification

STRUCTURE



SYNONYMS

QUIBEC; Cinchonanium, 9-hydroxy-6'-methoxy-1-(phenylmethyl)-,chloride, (8 α ,9R); 1-benzylquininium chloride; (8 α ,9R)-1-Benzyl-9-hydroxy-6'-methoxycinchonan-1-ium chloride; (8 α ,9R)-1-benzyl-6'-methoxycinchonan-1-ium-9-ol chloride; (8S,9R)-NBenzylquininium chloride

APPEARANCE

Slightly yellow to brownish crystalline powder, often in clusters

CHEMICAL DATA

Formula C₂₇H₃₁ClN₂O₂
CAS Number 67174-25-8

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 / 27.02.2023

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)	- 248° to - 236°
Chemical purity (HPLC Area%)	
N-Benzylquininium	≥ 95.0 %
N-Benzylidihydroquininium	≥ 5.0 %
Any other impurity	≥ 1.5 %
Assay (on dry basis)	≥ 98.0 %