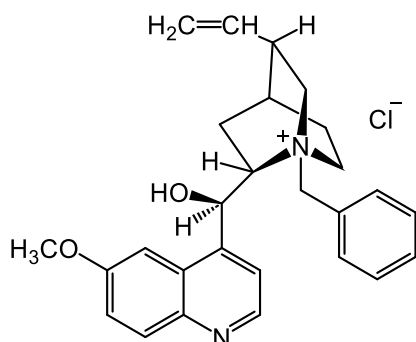


N-Benzylquininium Chloride

Buchler specification

STRUCTURE



SYNONYMS

(8 α ,9R)-1-Benzyl-9-hydroxy-6'-methoxycinchonan-1-ium chloride,
(1S,2S,4S,5R)-1-benzyl-2-((R)-hydroxy(6-methoxyquinolin-4-yl)methyl)-5-vinylquinuclidin-1-ium 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 Chloride	≥ 95.0 %
N-Benzylidihydroquininium Chloride	≤ 5.0 %
Any other impurity	≤ 1.5 %
Assay (on dry basis)	≥ 98.0 %