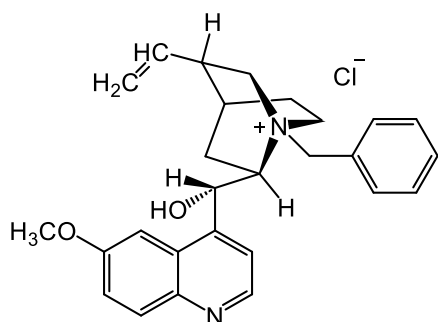


N-Benzylquinidinium Chloride

Buchler specification

STRUCTURE



SYNONYMS

(8β,9S)-1-Benzyl-9-hydroxy-6'-methoxycinchonan-1-ium chloride,
(1S,2R,4S,5R)-1-benzyl-2-((S)-hydroxy(6-methoxyquinolin-4-yl)methyl)-5-vinylquinuclidin-1-ium chloride

CHEMICAL DATA

Formula $C_{27}H_{31}ClN_2O_2$
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

APPEARANCE

White to yellow crystalline powder

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	≤ 5.0 %
Specific optical rotation (on dry basis, c = 1.0 in MeOH, $[\alpha]^{20}_D$)	220 ° to 250 °
Chemical purity (HPLC Area%)	
N-Benzylquinidinium Chloride	≥ 95.0 %
N-Benzylidihydroquinidinium Chloride	≥ 5.0 %
Any other impurity	≥ 1.5 %
Assay (on dry basis)	≥ 98.0 %