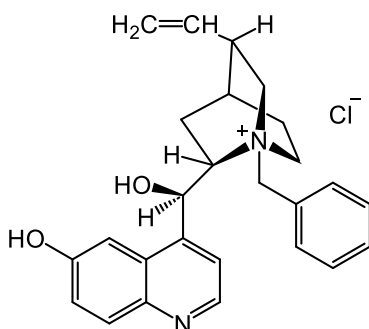


N-Benzylcupreinium Chloride

Buchler specification

STRUCTURE



SYNONYMS

(8 α ,9R)-6',9-dihydroxy-1-(phenylmethyl)-Cinchonanum chloride (1:1)
Cinchonanum, 6',9-dihydroxy-1-(phenylmethyl)-, chloride (1:1), (8 α ,9R)
(1S,2S,4S,5R)-1-benzyl-2-((R)-hydroxy(6-hydroxyquinolin-4-yl)methyl)-5-vinyl-quinuclidin-1-ium chloride

APPEARANCE

White to beige crystalline powder

CHEMICAL DATA

Formula C₂₆H₂₉ClN₂O₂
CAS Number 2023817-94-7

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 / 18.11.2025

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	≤ 5.0 %
Specific optical rotation (on dry basis, c = 1.0 in MeOH, [α] _{20D})	- 284° to - 254°
Chemical purity (HPLC Area%)	
N-Benzylcupreinium	≥ 95.0 %
N-Benzylidihydrocupreinium	≥ 5.0 %
Any other impurity	≥ 1.5 %
Assay (on dry basis)	≥ 98.0 %