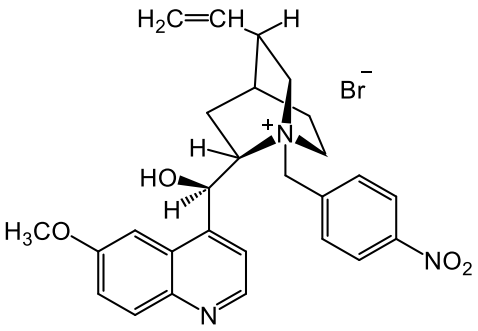
N-(4-Nitrobenzyl)-quininium Bromide

Buchler specification

STRUCTURE



SYNONYMS

(8α,9R)-1-[(4-nitrophenyl)methyl]-9-hydroxy-6′-methoxy-Cinchonanium bromide; (1S,2S,4S,5R)-2-((R)-hydroxy(6-methoxyquinolin-4-yl)methyl)-1-(4-nitrobenzyl)-5 vinylquinuclidin-1-ium bromide

APPEARANCE

Offwhite 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, $[\alpha]^{20}_{D}$)	- 203° to - 233°
Chemical purity (HPLC Area%) N-(4-Nitrobenzyl)-quininium Bromide	≥ 95.0 %
Assay (on dry basis)	≥ 98.0 %

CHEMICAL DATA

Formula	$C_{27}H_{30}N_3O_4 \cdot Br$
CAS Number	110229-89-5

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 / 20.10.2026