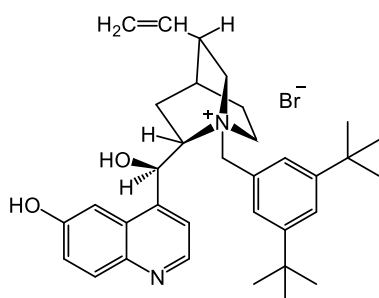


N-3,5-bis(tert-butyl)benzyl-cupreinium Bromide

Buchler specification

STRUCTURE



SYNONYMS

(1S,2S,4S,5R)-1-(3,5-di-tert-butylbenzyl)-2-((R)-hydroxy(6-hydroxyquinolin-4-yl)methyl)-5-vinylquinuclidin-1-ium bromide

APPEARANCE

Beige to brownish crystalline powder

CHEMICAL DATA

Formula $C_{34}H_{45}BrN_2O_2$

CAS Number -

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 / 10.12.2025

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	≤ 5.0 %
Specific optical rotation (on dry basis, c = 1.0 in MeOH, $[\alpha]^{20}_D$)	- 211° to - 181°
Chemical purity (HPLC Area%) N-3,5-bis(tert-butyl)benzyl-cupreinium Bromide	≥ 97.0 %
Assay (on dry basis)	≥ 98.0 %