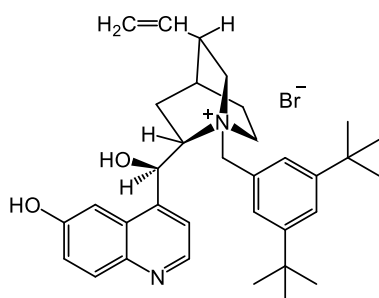


# N-3,5-bis(tert-butyl)benzyl-cupreinium Bromide

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