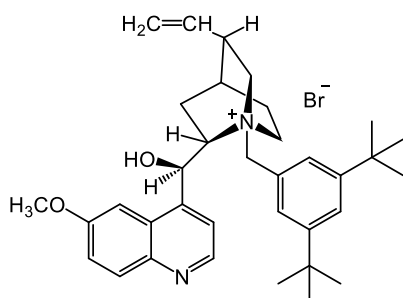


# N-[3,5-bis(tert-butyl)benzyl]-quininium Bromide

## Buchler specification

### STRUCTURE



### SYNONYMS

(8 $\alpha$ ,9R)-1-[[3,5-bis(1,1-dimethylethyl)phenyl]methyl]-9-hydroxy-6'-methoxy-Cinchonanum bromide, (1S,2S,4S,5R)-1-(3,5-di-tert-butylbenzyl)-2-((R)-hydroxymethoxyquinolin-4-yl)methyl)-5-vinylquinuclidin-1-ium bromide

### APPEARANCE

White to offwhite crystalline powder

### CHEMICAL DATA

Formula C<sub>35</sub>H<sub>47</sub>BrN<sub>2</sub>O<sub>2</sub>  
CAS Number 1477474-62-6

### 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 / 23.04.2026

### PARAMETER

### LIMIT

|                                                                                                        |                  |
|--------------------------------------------------------------------------------------------------------|------------------|
| Identification<br>by HPLC                                                                              | passes           |
| Water content<br>(Karl Fischer)                                                                        | ≤ 5.0 %          |
| Specific optical rotation<br>(on dry basis, c = 1.0 in MeOH, [ $\alpha$ ] <sub>D</sub> <sup>20</sup> ) | - 197° to - 157° |
| Chemical purity (HPLC Area%)<br>N-[3,5-bis(tert-butyl)benzyl]-quininium Bromide                        | ≥ 95.0 %         |
| Assay<br>(on dry basis)                                                                                | ≥ 98.0 %         |