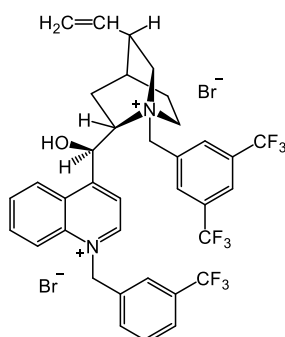


# (1S,2S,4S,5R)-1-(3,5-bis(trifluoromethyl)benzyl)-2-((R)-hydroxy(1-(3-(trifluoromethyl)benzyl)quinolin-1-ium-4-yl)methyl)-5-vinylquinuclidin-1-ium bromide

## Buchler specification

### STRUCTURE



### SYNONYMS

(8 $\alpha$ ,9R)-1-[[3,5-bis(trifluoromethyl)phenyl]methyl]-9-hydroxy-1'-[[3-(trifluoromethyl)phenyl]methyl]-Cinchonanium bromide

### APPEARANCE

White to yellow 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, [ $\alpha$ ] <sup>20</sup> <sub>D</sub> )	-101 ° to -71 °
Chemical purity (HPLC Area%) Bis-Cation	≥ 97.0 %
Assay (on dry basis)	≥ 98.0 %

### CHEMICAL DATA

Formula C<sub>36</sub>H<sub>33</sub>F<sub>9</sub>N<sub>2</sub>OBr<sub>2</sub>  
CAS Number 1791412-20-8

### 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 / 12.11.2024