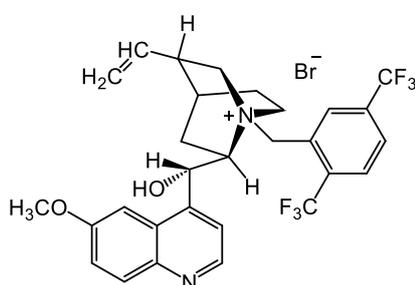


N-2,5-bis(trifluoromethyl)benzyl-quinidinium Bromide

Buchler specification

STRUCTURE



SYNONYMS

(1S,2R,4S,5R)-1-(2,5-bis(trifluoromethyl)benzyl)-2-((S)-hydroxy(6-methoxyquinolin-4-yl)methyl)-5-vinylquinuclidin-1-ium bromide

APPEARANCE

White crystalline powder

CHEMICAL DATA

Formula $C_{29}H_{29}F_6N_2O_2 \cdot Br$
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 / 10.11.2025

PARAMETER

LIMIT

| | |
|---|------------------|
| Identification by HPLC | passes |
| Water content (Karl Fischer) | ≤ 5.0 % |
| Specific optical rotation (on dry basis, $c = 1.0$ in MeOH, $[\alpha]^{20}_D$) | +169 ° to +199 ° |
| Chemical purity (HPLC Area%) | |
| N-2,5-bis(trifluoromethyl)benzyl-quinidinium Bromide | ≥ 94.0 % |
| N-2,5-bis(trifluoromethyl)benzyl-dihydroquinidinium Bromide | ≥ 6.0 % |
| Assay (on dry basis) | ≥ 98.0 % |