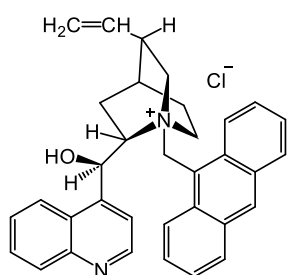


# N-(9-Anthracenylmethyl)cinchonidinium Chloride

## Buchler specification

## STRUCTURE



## SYNONYMS

*N*<sup>1</sup>-(9-Anthracenylmethyl)cinchonidinium chloride  
(8 $\alpha$ ,9*R*)-1-(9-anthracenylmethyl)-9-hydroxy-Cinchonanium chloride

## APPEARANCE

White to yellow, crystalline powder

## CHEMICAL DATA

|            |                                                       |
|------------|-------------------------------------------------------|
| Formula    | C <sub>34</sub> H <sub>33</sub> N <sub>2</sub> O · Cl |
| CAS Number | 199588-80-2                                           |

## 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 / 16.08.2024

| 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, $[\alpha]^{20}_{\text{D}}$ ) | - 406° to - 376° |
| Chemical purity (HPLC Area%)<br>N-(9-Anthracenylmethyl)cinchonidinium Chloride            | ≥ 95.0 %         |
| Assay<br>(on dry basis)                                                                   | ≥ 98.0 %         |