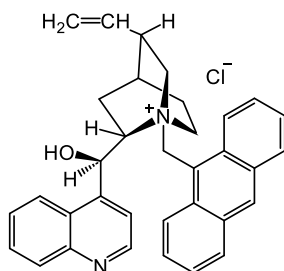


N-(9-anthracenylmethyl)-cinchonidinium Chloride

Buchler specification

STRUCTURE



SYNONYMS

(8 α ,9R)-1-(9-anthracenylmethyl)-9-hydroxy-Cinchonanum chloride,
(1S,2S,4S,5R)-1-(anthracen-9-ylmethyl)-2-((R)-hydroxy(quinolin-4-yl)methyl)-5-vinylquinuclidin-1-ium chloride

APPEARANCE

White to yellow, crystalline powder

CHEMICAL DATA

Formula $C_{34}H_{33}N_2O \cdot Cl$
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 by HPLC	passes
Water content (Karl Fischer)	$\leq 5.0 \%$
Specific optical rotation (on dry basis, $c = 1.0$ in MeOH, $[\alpha]^{20}_D$)	$- 406^\circ$ to $- 376^\circ$
Chemical purity (HPLC Area%) N-(9-anthracenylmethyl)-cinchonidinium Chloride	$\geq 95.0 \%$
Assay (on dry basis)	$\geq 98.0 \%$