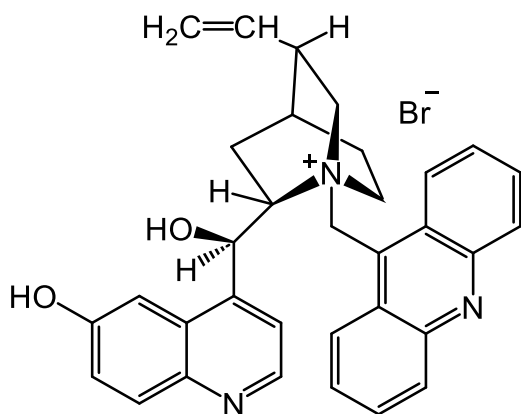


N-(9-acridinylmethyl)-cupreinium Bromide

Buchler specification

STRUCTURE



SYNONYMS

(8 α ,9R)-1-(9-acridinylmethyl)-9-hydroxy-6'-hydroxy-Cinchonanium Bromide, (1S,2S,4S,5R)-1-(acridin-9-ylmethyl)-2-((R)-hydroxy(6-hydroxyquinolin-4-yl)methyl)-5-vinylquinuclidin-1-ium bromide

APPEARANCE

Grey to brown crystalline powder

CHEMICAL DATA

Formula $C_{33}H_{32}N_3O_2 \cdot Br$
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 / 24.09.2026

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	$\leq 5.0 \%$
Specific optical rotation (on dry basis, $c = 1.0$ in $0.2M$ HCl, $[\alpha]^{20}_D$)	$- 573^\circ$ to $- 603^\circ$
Chemical purity (HPLC Area%) N-(9-acridinylmethyl)-cupreinium Bromide	$\geq 95.0 \%$
Assay (on dry basis)	$\geq 98.0 \%$