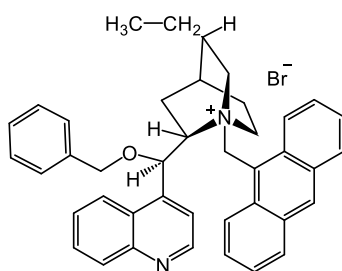


O-Benzyl-1-(9-anthracenylmethyl)- dihydrocinchonidinium Bromide

Buchler specification

STRUCTURE



SYNONYMS

(8 α ,9R)-1-(9-Anthracenylmethyl)-10,11-dihydro-9-phenylmethoxy-cinchonanium bromide, (8S,9R)-1-(9-Anthracenylmethyl)-10,11-dihydro-9-phenylmethoxy- cinchonanium bromide

APPEARANCE

Beige to yellow, crystalline powder

CHEMICAL DATA

Formula $C_{41}H_{41}N_2O \cdot Br$
CAS Number 229482-68-2

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 / 12.03.2025

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	$\leq 5.0 \%$
Specific optical rotation (on dry basis, $c = 1.0$ in CH_2Cl_2 , $[\alpha]^{20}_D$)	- 248 to - 218°
Chemical purity (HPLC Area%) O-Benzyl-1-(9-anthracenylmethyl)- dihydrocinchonidinium Bromide	$\geq 95.0 \%$
Assay (on dry basis)	$\geq 98.0 \%$