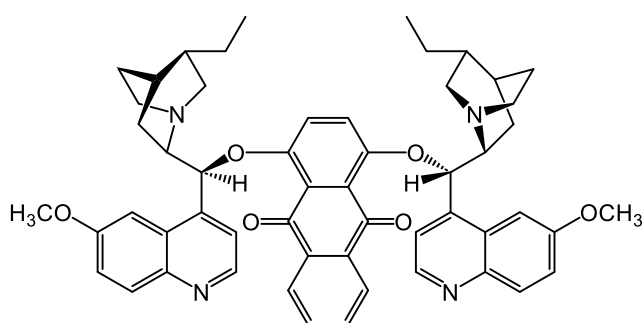


1,4-Bis(9-O-dihydroquinidiny)anthraquinone

((DHQD)₂AQN)

Buchler specification

STRUCTURE



SYNONYMS

((DHQD)₂AQN, 1,4-Bis[(9S)-10,11-dihydro-6'-methoxycinchonan-9-yl]-9,10-anthracenedione, 1,4-bis((S)-((1S,2R,4S,5R)-5-ethylquinuclidin-2-yl)(6-methoxyquinolin-4-yl)methoxy)-9l⁵,10l⁵-anthracene-9,10-dione

APPEARANCE

Orange crystalline powder

CHEMICAL DATA

Formula C₅₄H₅₆N₄O₆
CAS Number 176298-44-5

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 / 25.09.2026

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	≤ 5.0 %
Specific optical rotation (on dry basis, c = 1.0 in 0.2M HCl, [α] _D ²⁰)	- 527° to - 557°
Chemical purity (HPLC Area%) ((DHQD) ₂ AQN	≥ 95.0 %
Assay (on dry basis)	≥ 98.0 %