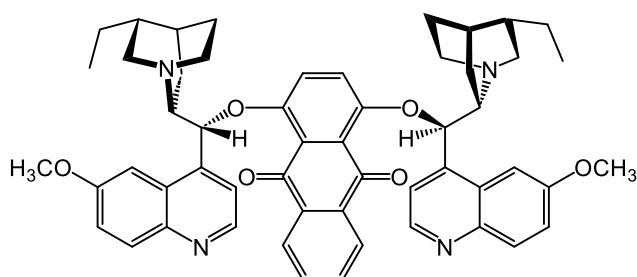


1,4-Bis(9-O-dihydroquininyl)anthraquinone

((DHQ)₂AQN)

Buchler specification

STRUCTURE



SYNONYMS

((DHQ)₂AQN, 1,4-Bis[[(8 α ,9R)-10,11-dihydro-6'-methoxycinchonan-9-yl]oxy]-9,10-anthracenedione, 1-((1R)-((5R)-5-ethylquinuclidin-2-yl)(6-methoxyquinolin-4-yl)methoxy)-4-((R)-((1S,2S,4S,5R)-5-ethylquinuclidin-2-yl)(6-methoxyquinolin-4-yl)methoxy)-9I⁵,10I⁵-anthracene-9,10-dione

APPEARANCE

Orange crystalline powder

CHEMICAL DATA

Formula C₅₄H₅₆N₄O₆
CAS Number 176097-24-8

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)	≤ 6.0 %
Specific optical rotation (on dry basis, c = 1.0 in MeOH, [α] _D ²⁰)	+ 625° to + 655°
Chemical purity (HPLC Area%) (DHQ) ₂ AQN	≥ 95.0 %
Assay (on dry basis)	≥ 98.0 %