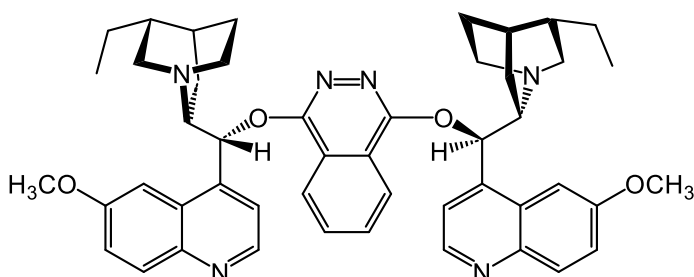


1,4-Bis(9-O-Dihydroquininy)Phthalazine

Buchler specification

STRUCTURE



SYNONYMS

(DHQ)₂PHAL, Hydrochinin-1,4-phthalazindiyl-diether,
(8 α ,9R)-(8'' α ,9''R)-9,9''-[1,4-Phthalazinediylbis(oxy)]bis[10,11-dihydro-6'-methoxycinchonan]

APPEARANCE

White or almost white, crystalline powder

PARAMETER

LIMIT

Identification by HPLC	passes
Water content (Karl Fischer)	≤ 5.0 %
Specific optical rotation (on dry basis, c = 1.0 in MeOH, [α] ²⁰ _D)	+ 352° to + 364°
Chemical purity (HPLC Area%) 1,4-Bis(9-O-Dihydroquininy)Phthalazine	≥ 99.0 %
Assay (on dry basis)	≥ 98.0 %

CHEMICAL DATA

Formula C₄₈H₅₄N₆O₄
CAS Number 140924-50-1

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 / 15.08.2023