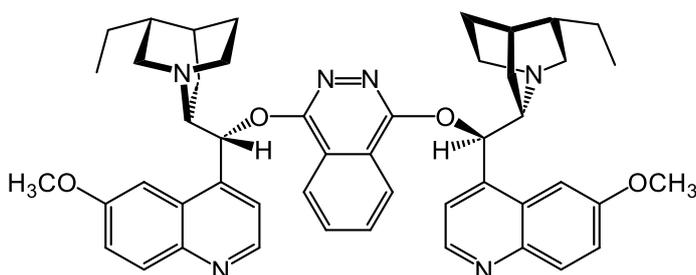


# 1,4-Bis(9-O-Dihydroquininy)Phthalazine

## Buchler specification

### STRUCTURE



### SYNONYMS

(DHQ)<sub>2</sub>PHAL, Hydrochinin-1,4-phthalazindiyl-diether,  
(8 $\alpha$ ,9R)-(8'' $\alpha$ ,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, [ $\alpha$ ] <sup>20</sup> <sub>D</sub> )	+ 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 C<sub>48</sub>H<sub>54</sub>N<sub>6</sub>O<sub>4</sub>  
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