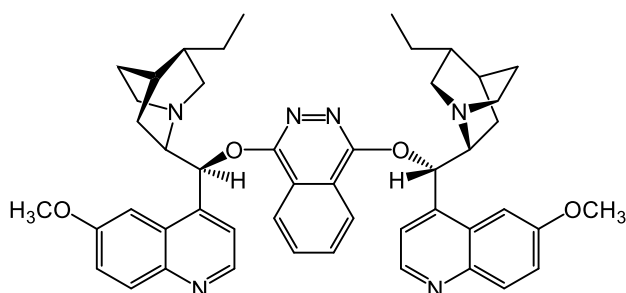


# 1,4-Bis(9-O-Dihydroquinidinyl)Phthalazine

## Buchler specification

### STRUCTURE



### SYNONYMS

(DHQD)<sub>2</sub>PHAL, Hydrochinidin-1,4-phthalazindiyl-diether, 1,4-Bis((S)-((1S,2R,4S,5R)-5-ethylquinuclidin-2-yl)(6-methoxyquinolin-4-yl)methoxy)phthalazine, (9S)-(9''S)-9,9''-[1,4-Phthalazinediylbis(oxy)]bis[10,11-dihydro-6'-methoxy-cinchonan]

### 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] <sup>20</sup> <sub>D</sub> )	- 270° to - 282°
Chemical purity (HPLC Area%) 1,4-Bis(9-O-Dihydroquinidinyl)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 140853-10-7

### 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 / 01.08.2023