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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2024

Re-test Date: Dec 2026

Product Name: Piperaquine Impurity H

Identification:

Chemical Name: 1,4-bis(7-chloroquinolin-4-yl)Piperazine

Synonyms : NA

CAS Number : 31502-87-1

CAT Number : CP-P19008

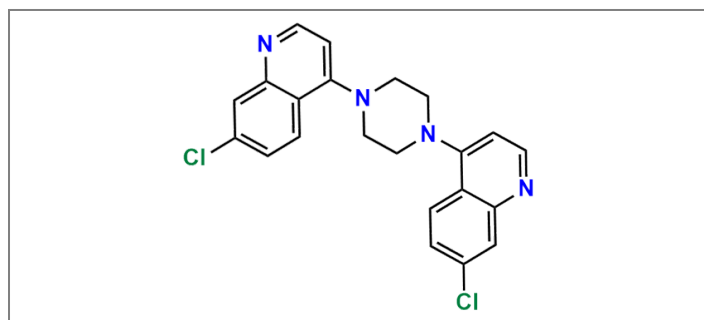
Molecular Formula : C₂₂H₁₈Cl₂N₄

Molecular Weight : 409.31

Batch Number : CP-PIP-H-0124

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol:H ₂ O(9:1)
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.51%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.