



CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

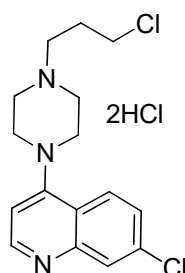
Date:

Piperaquine Chloro Impurity

Catalogue No :- VL610002

Batch No.:

IUPAC Name: 7-chloro-4-(4-(3-chloropropyl) piperazin-1-yl) quinolone



Molecular Formula: C₁₆H₁₉Cl₂N₃

Molecular weight: 324.25 (Free Base)

Sr.#	Test	Results	Data ref.
1	Appearance	Off White Solid	-----
2	Purity by HPLC	90.64%	Chromatogram attached
3	Mass	Conform	Report attached
4	¹ H NMR	Conform	Report attached

Storage condition: Store at 2-8°C, protect from moisture and direct sunlight.

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

Manufacturing date:

Retest date:

Document data reference:

Prepared by

Reviewed by

Approved by