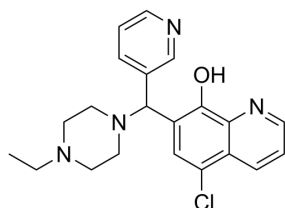


Certificate of Analysis

Product Name: BRD 4354
Cat. No.: CS-0062885
CAS No.: 315698-07-8
Batch No.: 67896
Chemical Name: 8-Quinololinol, 5-chloro-7-[(4-ethyl-1-piperazinyl)-3-pyridinylmethyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₁H₂₃ClN₄O
Molecular Weight: 382.89
Storage: Storage temp. 2-8°C
Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 98.29%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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