
Certificate of Analysis

Product Name: Piperazine
Cat. No.: GC13875
Batch No.: 1
Chemical Name: 4,4'-(1,3-propanediyl-di-4,1-piperazinediyl)bis[7-chloro-quinoline]

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 4085-31-8
Molecular Formula: $C_{29}H_{32}Cl_2N_6$
Molecular Weight: 535.5
Storage: Store at $-20^{\circ}C$
Chemical Structure:

ANALYTICAL DATA

Appearance: solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98%
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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