
Certificate of Analysis

Product Name: HA-100 (hydrochloride)
Cat. No.: GC12461
Batch No.: 1
Chemical Name: 5-(1-piperazinylsulfonyl)-isoquinoline, dihydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 210297-47-5
Molecular Formula: $C_{13}H_{15}N_3O_2S \cdot 2HCl$
Molecular Weight: 350.3
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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