Certificate of Analysis

PBT 1033

Cat. No.: HY-105321 CAS No.: 747408-78-2 Batch No.: 114742

Chemical Name: 8-Quinolinol, 5,7-dichloro-2-[(dimethylamino)methyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{12}Cl_2N_2O$

271.14 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years $4^{\circ}C$

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to brown (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 98.01%

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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