Certificate of Analysis

Clothiapine

Cat. No.: HY-117083
CAS No.: 2058-52-8
Batch No.: 317933

Chemical Name: Dibenzo[b,f][1,4]thiazepine, 2-chloro-11-(4-methyl-1-piperazinyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{18}CIN_3S$ Molecular Weight: 343.87

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

N— CI

ANALYTICAL DATA

Appearance: White to light yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.93%

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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