

Certificate of Analysis

Hoechst 33342

Cat. No.: HY-15559 CAS No.: 23491-52-3 Batch No.: 243063

Chemical Name: 2,5'-Bi-1H-benzimidazole, 2'-(4-ethoxyphenyl)-5-(4-methyl-1-piperazinyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{27}H_{28}N_6O$ Molecular Weight: 452.55

Storage: 4°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Appearance: Brown to breen (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 99.94%

The product has been tested and complies with the given specifications. Conclusion:

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

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