

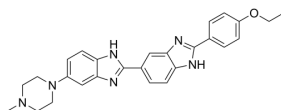
## Hoechst 33342

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 green (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 99.94%  
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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