

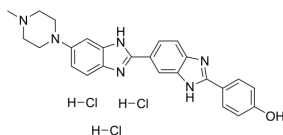
## Hoechst 33258 (trihydrochloride)

Cat. No.: HY-15558A  
 CAS No.: 23491-45-4  
 Batch No.: 26071  
 Chemical Name: Phenol, 4-[6-(4-methyl-1-piperazinyl)[2,6'-bi-1H-benzimidazol]-2'-yl]-, hydrochloride (1:3)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{25}H_{27}Cl_3N_6O$   
 Molecular Weight: 533.88  
 Storage: 4°C, sealed storage, away from moisture and light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: Yellow to green (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.87%  
 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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