

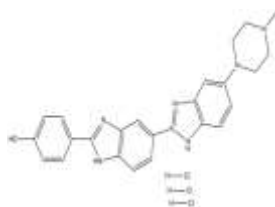
## bisBenzimide H 33258

**ALTERNATE NAME:** 2'-(4-Hydroxyphenyl)-5-(4-methyl-1-piperazinyl)-2,5'-bi(1H-benzimidazole) trihydrochloride, 2-[2-(4-Hydroxyphenyl)-6-benzimidazolyl]-6-(1-methyl-4-piperazyl)benzimidazole trihydrochloride, BBIH, HOE 33258, Hoechst 33258

**CATALOG #:** 2178-25, 100

**AMOUNT:** 25 mg, 100 mg

**STRUCTURE:**



**MOLECULAR FORMULA:**  $C_{25}H_{24}N_6O \cdot 3HCl$

**MOLECULAR WEIGHT:** 533.88

**CAS NUMBER:** 23491-45-4

**APPEARANCE:** Yellow to dark yellow solid

**SOLUBILITY:** H<sub>2</sub>O (~ 10 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** Store at -20°C. Protect from light and moisture

**DESCRIPTION:** A fluorescent DNA stain with low cytotoxicity that binds preferentially to adenine-thymine (A-T) regions of DNA. Useful for staining DNA, chromosomes and nuclei. May be used for fluorescence microscopy or flow cytometry.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

### RELATED PRODUCTS:

bisBenzimide 33342 (Cat. No. 2179-25, 100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**