Hoechst 33258 (ultra pure)

DNA dye

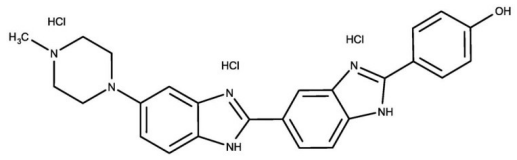
Hoechst 33258 is a fluorescent probe useful for detecting DNA by fluorescence microscopy and flow cytometry. Hoechst 33258 may be used on live or fixed cells and is also applicable for cell cycle analysis and monitoring DNA condensation by flow cytometry. Hoechst 33358 is less cell permeable that other derivatives, however this dye also allows for quantitative measurements when plotted in a standard emission-to-content curve. Wavelength Maxima: Excitation 352nm, Emission 461nm

Citations: 11 View Online »

Ordering Information Order Online »

ENZ-52402	100mg

Manuals, SDS & CofA View Online »


HCl
H3C
N
N
HCl
N
NH
HCl
N
NH
OH

Handling & Storage

Use/Stability	Stable for at least one year after receipt when stored as recommended.
Handling	Protect from light. Keep cool and dry.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4-[5-(4-Methyl-1-piperazinyl)[2,5′-bi-1H-benzimidazol]-2′-yl]-phenol . trihydrochloride
Appearance	Yellow solid.
CAS	23491-45-4
Formula	$C_{25}H_{24}N_6O$. 3HCl
MW	533.9 (trihydrochloride)
Purity	≥95% (HPLC)
Solubility	Soluble in DMSO.
Technical Info / Product Notes	This product is a member of the CELLESTIAL® product line, reagents and assay kits comprising fluorescent molecular probes that have been extensively benchmarked for live cell analysis applications. CELLESTIAL® reagents and kits are optimal for use in demanding imaging applications, such as confocal microscopy, flow cytometry and HCS, where consistency and reproducibility are required.

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