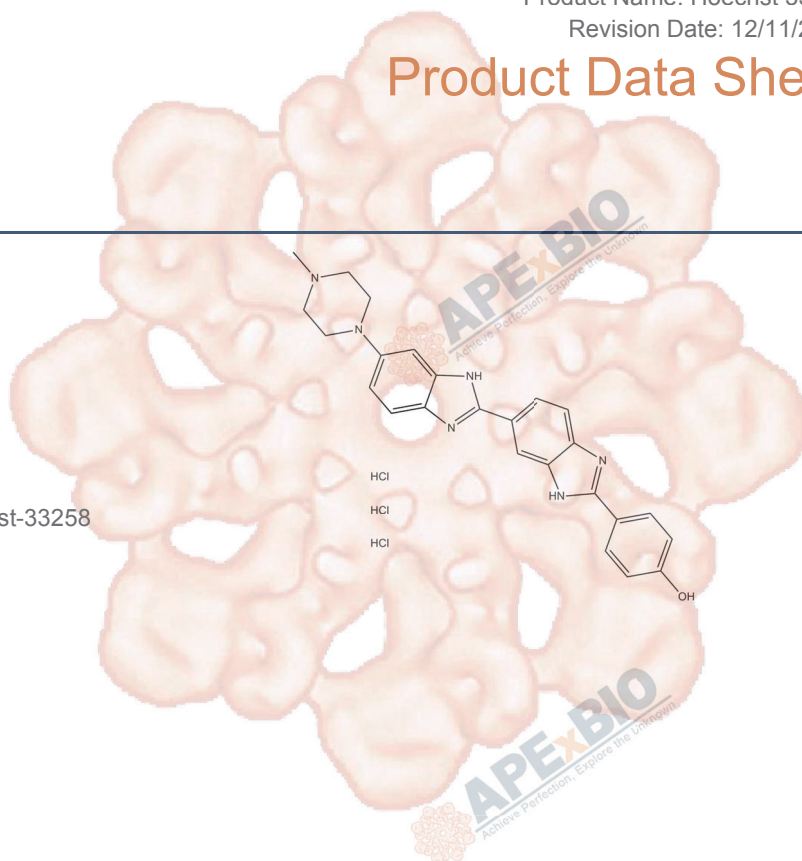


# Product Data Sheet

## Hoechst 33258

<b>Cat. No.:</b>	A3466
<b>CAS No.:</b>	23491-45-4
<b>Formula:</b>	C <sub>25</sub> H <sub>27</sub> Cl <sub>3</sub> N <sub>6</sub> O
<b>M.Wt:</b>	533.88
<b>Synonyms:</b>	bisBenzimide H 33258;H 33258;Hoechst33258;Hoechst-33258
<b>Target:</b>	Others
<b>Pathway:</b>	DNA Stain
<b>Storage:</b>	Store at -20°C



## Solvent & Solubility

≥46.7 mg/mL in DMSO with gentle warming, insoluble in EtOH, ≥42.5 mg/mL in H<sub>2</sub>O with gentle warming

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.3557 mL	11.7786 mL	23.5571 mL
		5 mM	0.4711 mL	2.3557 mL	4.7114 mL
		10 mM	0.2356 mL	1.1779 mL	2.3557 mL

Please refer to the solubility information to select the appropriate solvent

## Biological Activity

Shortsummary

Blue fluorescent dyes

IC<sub>50</sub> & Target

In Vitro

**Cell Viability Assay**

Preparation method:

In Vivo

**Animal experiment**

Applications:

## Product Citations

See more customer validations on [www.apexbt.com](http://www.apexbt.com).

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APExBIO Technology**

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