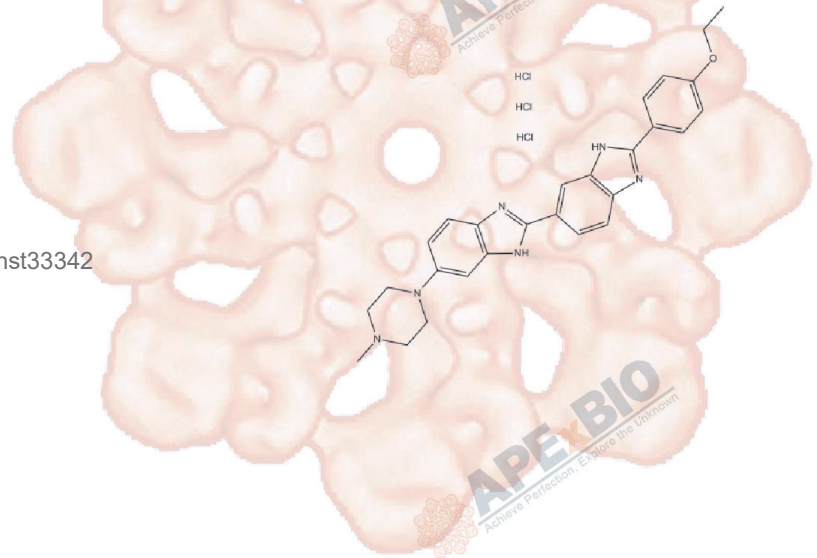


Product Data Sheet

Hoechst 33342

Cat. No.:	A3472
CAS No.:	875756-97-1
Formula:	C ₂₇ H ₃₁ Cl ₃ N ₆ O
M.Wt:	561.93
Synonyms:	bisBenzimide H 33342;HOE 33342;Hoechst-33342;Hoechst33342
Target:	Others
Pathway:	DNA Stain
Storage:	Store at -20°C



Solvent & Solubility

insoluble in EtOH; ≥ 28.7 mg/mL in H₂O with gentle warming; ≥ 46 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Mass		1mg	5mg	10mg
	Solvent	Concentration			
		1 mM	1.7796 mL	8.8979 mL	17.7958 mL
		5 mM	0.3559 mL	1.7796 mL	3.5592 mL
		10 mM	0.1780 mL	0.8898 mL	1.7796 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

Blue fluorescent dyes

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. YI ZHANG, DANDAN ZHANG, et al. "Effects of RPE-conditioned medium on the differentiation of hADSCs into RPE cells, and their proliferation and migration." EXPERIMENTAL AND THERAPEUTIC MEDICINE. August 22, 2017 .

See more customer validations on 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. Short-term 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

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

