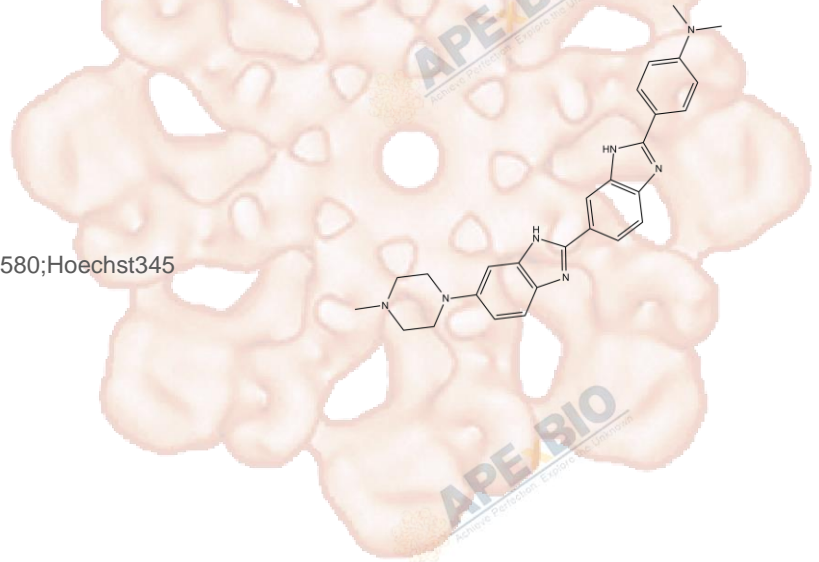


Product Data Sheet

Hoechst 34580

| | |
|------------------|--|
| Cat. No.: | A3475 |
| CAS No.: | 23555-00-2 |
| Formula: | C27H29N7 |
| M.Wt: | 451.57 |
| Synonyms: | HOE 34580;Proamine;Hoechst-34580;Hoechst345 80 |
| Target: | Others |
| Pathway: | DNA Stain |
| Storage: | Store at -20°C |



Solvent & Solubility

insoluble in EtOH; ≥ 15.87 mg/mL in H₂O with gentle warming and ultrasonic; ≥ 6.46 mg/mL in DMSO

In Vitro

| Preparing Stock Solutions | Solvent | Mass | | |
|---------------------------|----------------------|-----------|------------|------------|
| | | 1mg | 5mg | 10mg |
| | Concentration | | | |
| | 1 mM | 2.2145 mL | 11.0725 mL | 22.1450 mL |
| | 5 mM | 0.4429 mL | 2.2145 mL | 4.4290 mL |
| | 10 mM | 0.2214 mL | 1.1072 mL | 2.2145 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

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. 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.

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