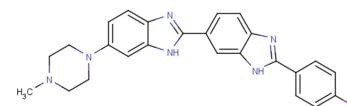


para-iodoHoechst 33258

Chemical Properties

CAS No.:	158013-43-5
Formula:	C ₂₅ H ₂₃ IN ₆
Molecular Weight:	534.39
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	para-iodoHoechst 33258 is part of a family of blue fluorescent dyes used to stain DNA. Hoechst 33258 is a cell dye for DNA quantitation.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 20.5 mg/mL (38.36 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.871 mL	9.356 mL	18.713 mL
5 mM	0.374 mL	1.871 mL	3.743 mL
10 mM	0.187 mL	0.936 mL	1.871 mL
50 mM	0.037 mL	0.187 mL	0.374 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

2. a b c "Hoechst Stains". Invitrogen (Molecular Probes).
3. Portugal J, Waring MJ. Assignment of DNA binding sites for 4',6'-diamidine-2-phenylindole and bisbenzimidazole (Hoechst 33258). A comparative footprinting study. *Biochimica et Biophysica Acta* 949 (2): 158-68.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481