

Hoechst 33342 analog 2 trihydrochloride

Chemical Properties

CAS No.:	155815-98-8
Formula:	C ₂₅ H ₂₆ Cl ₃ N ₆ O
Molecular Weight:	659.78
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Hoechst 33342 analog 2 trihydrochloride is an analog of Hoechst 33342 which is a DNA minor groove binder.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	H ₂ O: 15.83 mg/mL (23.99 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.516 mL	7.578 mL	15.157 mL
5 mM	0.303 mL	1.516 mL	3.031 mL
10 mM	0.152 mL	0.758 mL	1.516 mL
50 mM	0.03 mL	0.152 mL	0.303 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

1. Chazotte B. Labeling nuclear DNA with hoechst 33342. Cold Spring Harb Protoc. 2011 Jan 1;2011(1):pdb.prot5557.

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