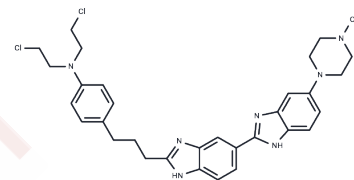


Hoechst 33342 analog

Chemical Properties

CAS No. :	178481-68-0
Formula:	C ₃₂ H ₃₇ Cl ₂ N ₇
Molecular Weight:	590.59
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Hoechst 33342 analog is an analog of Hoechst 33342 which is a DNA minor groove binder used fluorochrome for visualizing cellular DNA.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6932 mL	8.4661 mL	16.9322 mL
5 mM	0.3386 mL	1.6932 mL	3.3864 mL
10 mM	0.1693 mL	0.8466 mL	1.6932 mL
50 mM	0.0339 mL	0.1693 mL	0.3386 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

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