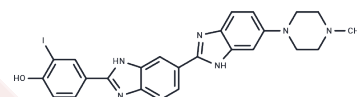


Hoechst 33342 analog 2

Chemical Properties

CAS No. : 106050-84-4
 Formula: C₂₅H₂₃IN₆O
 Molecular Weight: 550.39
 Appearance: no data available
 Storage: keep away from direct sunlight
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Hoechst 33342 analog 2 is an analog of Hoechst 33342 which is a DNA minor groove binder.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 57 mg/mL (103.56 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8169 mL	9.0845 mL	18.1689 mL
5 mM	0.3634 mL	1.8169 mL	3.6338 mL
10 mM	0.1817 mL	0.9084 mL	1.8169 mL
50 mM	0.0363 mL	0.1817 mL	0.3634 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.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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