

## Hoechst 33342 analog 2

## Chemical Properties

CAS No. : 106050-84-4

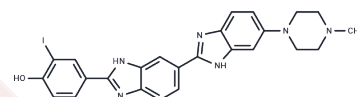
Formula: C<sub>25</sub>H<sub>23</sub>IN<sub>6</sub>O

Molecular Weight: 550.39

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## 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)
------------	--

## 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.

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481