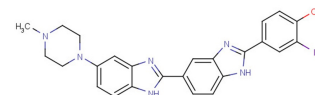


Hoechst 33342 analog 2

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 106050-84-4 |
| Formula: | C ₂₅ H ₂₃ IN ₆ O |
| Molecular Weight: | 550.39 |
| 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 is an analog of Hoechst 33342 which is a DNA minor groove binder. |
| Targets(IC ₅₀) | Others: None |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 57 mg/mL (103.56 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|----------|-----------|
| 1 mM | 1.817 mL | 9.084 mL | 18.169 mL |
| 5 mM | 0.363 mL | 1.817 mL | 3.634 mL |
| 10 mM | 0.182 mL | 0.908 mL | 1.817 mL |
| 50 mM | 0.036 mL | 0.182 mL | 0.363 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.

Inhibitors · Natural Compounds · Compound Libraries

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