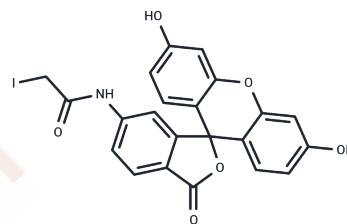


6-Iodoacetamidofluorescein

Chemical Properties

| | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAS No. : | 73264-12-7 |
| Formula: | C ₂₂ H ₁₄ INO ₆ |
| Molecular Weight: | 515.25 |
| 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 | 6-Iodoacetamidofluorescein is a sulphhydryl-specific fluorescent dye utilized for selective labeling of -SH groups present in nuclear matrix polypeptides and proteins. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.9408 mL | 9.704 mL | 19.4081 mL |
| 5 mM | 0.3882 mL | 1.9408 mL | 3.8816 mL |
| 10 mM | 0.1941 mL | 0.9704 mL | 1.9408 mL |
| 50 mM | 0.0388 mL | 0.1941 mL | 0.3882 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

Martelli AM, et, al. Probing the sulphhydryl groups of nuclear matrix proteins with 6-iodoacetamidofluorescein. Cell Biol Int Rep. 1990 May;14(5):409-18.

Cocco L, et, al. Changes in nucleosome structure and histone H3 accessibility. Iodoacetamidofluorescein labelling after treatment with phosphatidylserine vesicles. Exp Cell Res. 1986 Oct;166(2):465-74.

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