

TRITC-dextran (MW 40000)

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 40000

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 | TRITC-dextran MW 40000 is a fluorescent dye with a molecular weight of 40 kD. Its excitation wavelength is 555 nm. This compound can penetrate blood vessels and label plasma to visualize the vascular system. It is utilized in drug delivery systems because TRITC maintains stability across a broad pH range (pH 2-11) and exhibits resistance to photobleaching. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|----------|
| 1 mM | 0.025 mL | 0.125 mL | 0.250 mL |
| 5 mM | 0.005 mL | 0.025 mL | 0.050 mL |
| 10 mM | 0.0025 mL | 0.0125 mL | 0.025 mL |
| 50 mM | 0.0005 mL | 0.0025 mL | 0.005 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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