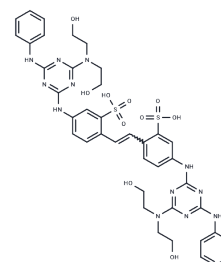


Fluorescent brightener 28 (Technical Grade)

Chemical Properties

CAS No. :	4404-43-7
Formula:	C40H44N12O10S2
Molecular Weight:	916.98
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Fluorescent brightener 28 (Technical Grade) is commonly utilized as a fluorescent whitening agent in the textile industry, particularly for dyeing fibers such as cellulose and other polysaccharides during the padding process. When the plasma membrane is disrupted, it weakly stains the cytoplasm and strongly stains the nucleus. Additionally, it can be employed in detecting chitin in live cells. Fluorescent brightener 28 also serves as a photosensitive light initiator for visible light-emitting diodes (LEDs) in radical photopolymerization.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0905 mL	5.4527 mL	10.9054 mL
5 mM	0.2181 mL	1.0905 mL	2.1811 mL
10 mM	0.1091 mL	0.5453 mL	1.0905 mL
50 mM	0.0218 mL	0.1091 mL	0.2181 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