

TRFS-red

Chemical Properties

CAS No. :

Formula: C₂₈H₂₈ClN₃O₁₁S₂

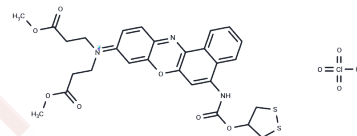
Molecular Weight: 682.11

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	TRFS-red is the first red emission off-on probe for thioredoxin reductase.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.466 mL	7.3302 mL	14.6604 mL
5 mM	0.2932 mL	1.466 mL	2.9321 mL
10 mM	0.1466 mL	0.733 mL	1.466 mL
50 mM	0.0293 mL	0.1466 mL	0.2932 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

Ma H, Zhang J, Zhang Z, Liu Y, Fang J. A fast response and red emission probe for mammalian thioredoxin reductase. Chem Commun (Camb). 2016 Oct 4;52(81):12060-12063. PubMed PMID: 27709154.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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