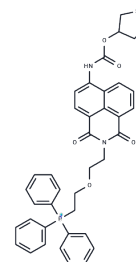


Mito-TRFS

Chemical Properties

CAS No. :	1859102-62-7
Formula:	C38H34IN2O5PS2
Molecular Weight:	820.7
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	Mito-TRFS is the first off-on probe for imaging the mitochondrial thioredoxin reductase (TrxR2) in live cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2185 mL	6.0924 mL	12.1847 mL
5 mM	0.2437 mL	1.2185 mL	2.4369 mL
10 mM	0.1218 mL	0.6092 mL	1.2185 mL
50 mM	0.0244 mL	0.1218 mL	0.2437 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

Liu Y, Ma H, Zhang L, Cui Y, Liu X, Fang J. A small molecule probe reveals declined mitochondrial thioredoxin reductase activity in a Parkinson's disease model. Chem Commun (Camb). 2016 Feb 7;52(11):2296-9. doi: 10.1039/c5cc09998f. PubMed PMID: 26725656.

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