

TPE-1p

Chemical Properties

CAS No. :

Formula: C53H49N4O15P

Molecular Weight: 1012.95

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	TPE-1p, a cascade-activated AI-Egen-peptide probe, self-assembles in aqueous solution to produce bright fluorescence upon interaction with alkaline phosphatase (ALP) and ChT-L. It facilitates noninvasive evaluation of ChT-L inhibitor efficiency within cells [1].
Targets(IC50)	Others,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9872 mL	4.9361 mL	9.8722 mL
5 mM	0.1974 mL	0.9872 mL	1.9744 mL
10 mM	0.0987 mL	0.4936 mL	0.9872 mL
50 mM	0.0197 mL	0.0987 mL	0.1974 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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