

PNT sensor PS3

Chemical Properties

CAS No. :

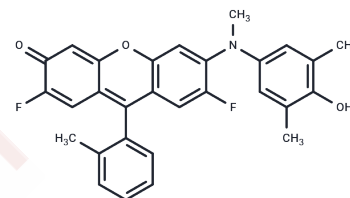
Formula: C₂₉H₂₃F₂NO₃

Molecular Weight: 471.5

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	The PNT sensor PS3 is an innovative fluorescent peroxyxynitrite (PNT) sensor characterized by high sensitivity and selectivity. It primarily accumulates in the endoplasmic reticulum of the cell membrane, where it produces fluorescent products through oxidative cleavage by PNT.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1209 mL	10.6045 mL	21.2089 mL
5 mM	0.4242 mL	2.1209 mL	4.2418 mL
10 mM	0.2121 mL	1.0604 mL	2.1209 mL
50 mM	0.0424 mL	0.2121 mL	0.4242 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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