

BODIPY FL Thapsigargin

Chemical Properties

CAS No. : 216571-99-2
Formula: C₄₄H₅₇B₃F₂N₂O₁₂-
Molecular Weight: 876.36
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	BODIPY FL Thapsigargin, a potent green fluorescent dye, effectively inhibits intracellular SERCA-type Ca ²⁺ pumps localized in the sarcoplasmic/endoplasmic reticulum. It is utilized to investigate thapsigargin binding sites in live cells [1] [2]. For storage, it is crucial to protect this compound from light.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1411 mL	5.7054 mL	11.4108 mL
5 mM	0.2282 mL	1.1411 mL	2.2822 mL
10 mM	0.1141 mL	0.5705 mL	1.1411 mL
50 mM	0.0228 mL	0.1141 mL	0.2282 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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