

Thapsigargin

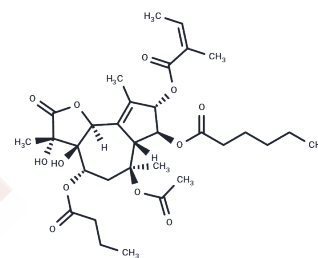
Chemical Properties

CAS No. : 67526-94-7

Formula: C₃₂H₄₆O₁₂

Molecular Weight: 622.7

Storage: Keep away from moisture, Keep away from direct sunlight
 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	Thapsigargin (Thapsigarginic) acts as an activator for mast cells and leukocytes, prompting histamine release from rat peritoneal mast cells and human basophil leukocytes. Additionally, it elevates cytoplasmic free calcium levels in human blood platelets [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6059 mL	8.0295 mL	16.0591 mL
5 mM	0.3212 mL	1.6059 mL	3.2118 mL
10 mM	0.1606 mL	0.803 mL	1.6059 mL
50 mM	0.0321 mL	0.1606 mL	0.3212 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481