

SR-33805

Chemical Properties

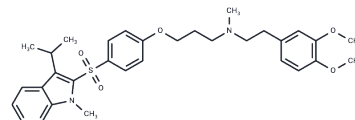
CAS No. : 121346-32-5

Formula: C32H40N2O5S

Molecular Weight: 564.74

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	SR-33805 is a calcium channel antagonist potentially for the treatment of atherosclerosis and heart failure. SR-33805 restored the MI-altered cell shortening without affecting the Ca(2+) transient amplitude, suggesting an increase of myofilament Ca(2+) sensitivity in MI myocytes. A SR33805-induced sensitization of myofilament activation was found to be associated with a slight increase in myosin light chain-2 phosphorylation and a more significant decrease on troponin I (TnI) phosphorylation. Decreased TnI phosphorylation was related to inhibition of protein kinase A activity by SR-33805.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7707 mL	8.8536 mL	17.7073 mL
5 mM	0.3541 mL	1.7707 mL	3.5415 mL
10 mM	0.1771 mL	0.8854 mL	1.7707 mL
50 mM	0.0354 mL	0.1771 mL	0.3541 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

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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