



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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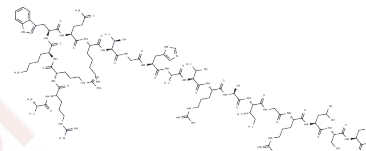
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smMLCK peptide

Chemical Properties

CAS No. : 172960-20-2
Formula: C₉₈H₁₆₈N₃₈O₂₅
Molecular Weight: 2278.62
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	The smMLCK peptide is a specific inhibitor of smooth muscle myosin light chain kinase (smMLCK). It functions by mimicking the substrate and competitively inhibiting the binding of the natural substrate to the enzyme, thereby reducing kinase activity. This inhibition prevents the phosphorylation of the myosin light chain, which subsequently impedes muscle contraction.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4389 mL	2.1943 mL	4.3886 mL
5 mM	0.0878 mL	0.4389 mL	0.8777 mL
10 mM	0.0439 mL	0.2194 mL	0.4389 mL
50 mM	0.0088 mL	0.0439 mL	0.0878 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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