
Product Data Sheet

Product Name: Myosin Light Chain Kinase (480-501)

Cat. No.: GA23209

Chemical Properties

Cas. No. 313642-00-1

Formula $C_{120}H_{209}N_{41}O_{28}S_2$

M.Wt 2738.37

Solubility Soluble in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

This peptide inhibited calmodulin-dependent activation of the smooth muscle myosin light chain kinase with an IC₅₀ of 46 nM. At saturating concentrations of calmodulin, it inhibited myosin light chain and synthetic peptide substrate phosphorylation com

Caution: Product has not been fully validated for medical applications. For research use only.

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