
Product Data Sheet

Product Name: Protein Kinase C 19-36

Cat. No.: GC37015

Chemical Properties

Cas. No. 113731-96-7

Formula $C_{93}H_{159}N_{35}O_{24}$ M.Wt 2151.48Solubility Soluble in DMSO Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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**

Protein Kinase C (19-36) is a pseudosubstrate peptide inhibitor of protein kinase C (PKC), with an IC_{50} of $0.18 \mu M$. Protein Kinase C (19-36) markedly attenuated vascular hyperproliferation and hypertrophy as well as glucose-induced suppression of natriuretic peptide receptor response[1]. IC_{50} : $0.18 \mu M$ (protein kinase C)[1].

[1]. Yasunari K, et al. Possible involvement of phospholipase D and protein kinase C in vascular growth induced by elevated glucose concentration. Hypertension. 1996 Aug;28(2):159-68.

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

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