
Product Data Sheet

Product Name: Protein Kinase C Peptide Substrate

Cat. No.: GC37016

Chemical Properties

Cas. No. 120253-69-2

Formula $C_{83}H_{155}N_{39}O_{21}S$

M.Wt

2067.43

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**

Protein Kinase C Peptide Substrate is targeted to a specific cellular compartment in a manner dependent on second messengers and on specific adapter proteins in response to extracellular signals that activate G-protein-coupled receptors, tyrosine kinase receptors, or tyrosine kinase-coupled receptors. Protein Kinase C Peptide Substrate then regulates various physiological functions including the activation of nervous, endocrine, exocrine, inflammatory, and immune systems[1].

[1]. Akita Y, et al. Protein kinase C-epsilon (PKC-epsilon): its unique structure and function. J Biochem. 2002 Dec;132(6):847-52.

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

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