
Product Data Sheet

Product Name: (Trp?)-Kemptide

Cat. No.: GA24052

Chemical Properties

Cas. No. 80224-16-4

Formula C₄₀H₆₆N₁₄O₉

M.Wt

887.05

Solubility

Storage

< -15°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**

Chocktide ((Trp?)-Kemptide) is readily phosphorylated by cAMP-dependent protein kinase. The phosphorylated peptide, in turn, is an effective substrate for phosphoprotein phosphatase. The changes in the substrate fluorescence intensity as a function of its phosphorylation state provide a sensitive assay of both enzyme activities.

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

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