

Datasheet for ABIN399829

**Syntide-2 Peptide****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity: 5 mg

Target: Syntide-2

## Product Details

Purity: &gt; 95 %

## Target Details

Target: Syntide-2

Background: The native peptide PLARTLSVAGLPGKK is a selective substrate for CaM kinase II and PKC. It is also a poor substrate for phosphorylase kinase and is not phosphorylated by myosin light chain kinase. The sequence of PLARTLSVAGLPGKK is homologous to phosphorylation site 2 in glycogen synthase. The relative  $V_{max}/K_m$  ratios of the peptide for different kinases are 100 for CaMK II, 22 for PKC, 2 for phosphorylase kinase, and 0.5 for myosin light chain kinase, respectively.

CAS-No: 108334-68-5

## Application Details

Restrictions: For Research Use only

## Handling

Storage: -20 °C

## Publications

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Product cited in: Barcomb, Coultrap, Bayer: "Enzymatic activity of CaMKII is not required for its interaction with the glutamate receptor subunit GluN2B." in: **Molecular pharmacology**, Vol. 84, Issue 6, pp. 834-43, (2013) ([PubMed](#)).

## Images

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**Image 1.**

