

# CMK

**Catalog No: tcsc0404**



## Available Sizes

**Size:** 2mg

**Size:** 5mg

**Size:** 10mg

**Size:** 25mg



## Specifications

**CAS No:**

821794-90-5

**Formula:**

$C_{18}H_{19}ClN_4O_2$

**Pathway:**

MAPK/ERK Pathway

**Target:**

Ribosomal S6 Kinase (RSK)

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

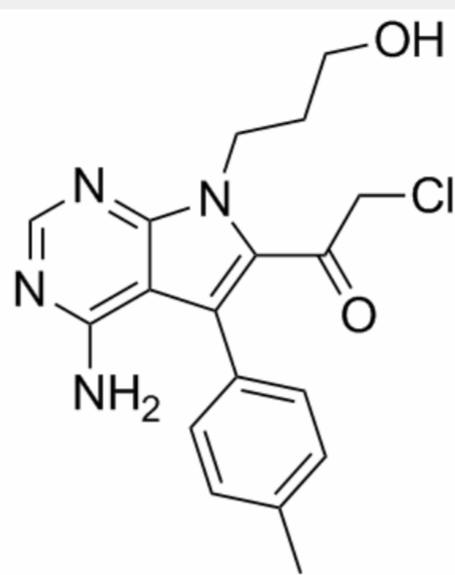
**Observed Molecular Weight:**

358.82

## Product Description

CMK is a **RSK2 kinase** inhibitor, used for cancer treatment.

***In Vitro:*** CMK inhibits the growth of Cdc5 (L158G) with IC<sub>50</sub> of 36 nM, greater than 30 μM for wild type Cdc5. CMK exhibits a concentration-dependent first cell cycle mitotic arrest in the cdc5-as1 strain with an IC<sub>50</sub> of 1.1 μM. CMK inhibition of Cdc5 (L158G) leads to a first cell cycle anaphase arrest and delay in anaphase spindle migration<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!