

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

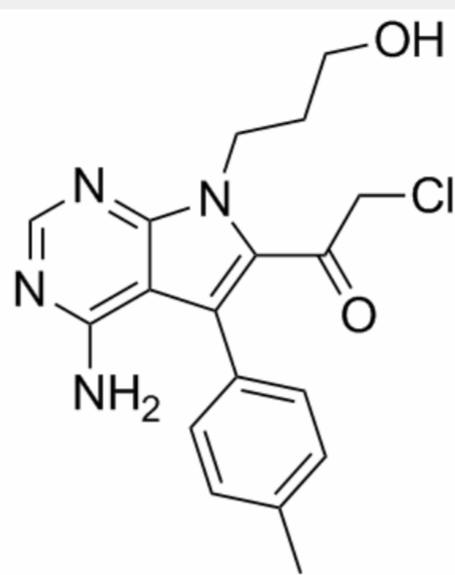
Observed Molecular Weight:

358.82

Product Description

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

In Vitro: CMK inhibits the growth of Cdc5 (L158G) with IC₅₀ 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 IC₅₀ of 1.1 μM. CMK inhibition of Cdc5 (L158G) leads to a first cell cycle anaphase arrest and delay in anaphase spindle migration^[1].



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