

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

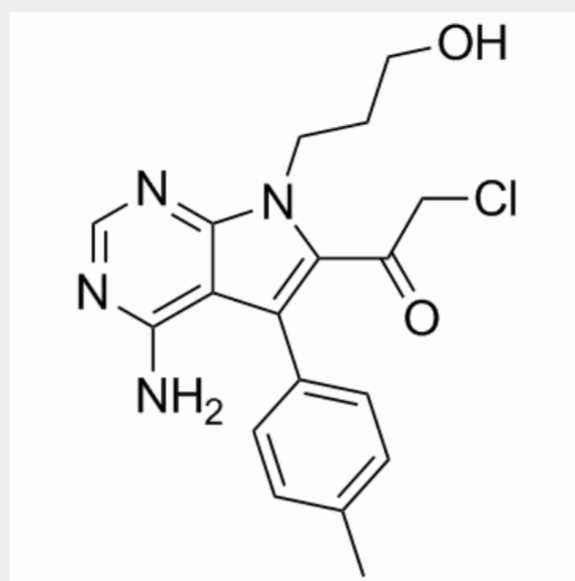
Observed Molecular Weight:

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_{50} of 36 nM, greater than 30 μ M for wild type Cdc5. CMK exhibits a concentration-dependent first cell cycle mitotic arrest in the *cdc5-as1* strain with an IC_{50} of 1.1 μ M. CMK inhibition of Cdc5 (L158G) leads to a first cell cycle anaphase arrest and delay in anaphase spindle migration^[1].



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