

# TC-DAPK 6

Catalog No: tcsc1062



## Available Sizes

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

315694-89-4

**Formula:**

$C_{17}H_{12}N_2O_2$

**Pathway:**

Apoptosis

**Target:**

DAPK

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 18.67 mg/mL (67.57 mM; Need ultrasonic and warming)

**Alternative Names:**

DAPK inhibitor

**Observed Molecular Weight:**

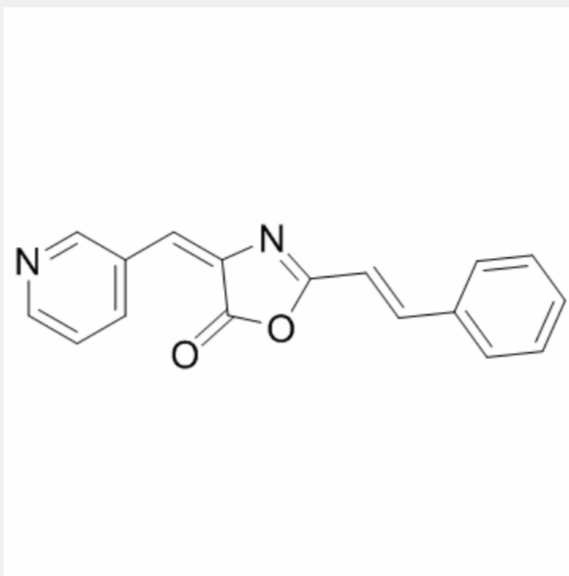
276.29

## Product Description

TC-DAPK 6 is a potent, ATP-competitive, and highly selective **DAPK** inhibitor ( $IC_{50}$ =69 and 225 nM against **DAPK1** and **DAPK3**, respectively, with 10  $\mu$ M ATP).

IC50 & Target: IC50: 69 nM (DAPK1), 225 nM (DAPK3)<sup>[1]</sup>

**In Vitro:** TC-DAPK 6 is found to be the most potent Death-associated protein kinase (DAPK) inhibitor with enzyme selectivity. When assayed with 10  $\mu$ M ATP, the IC<sub>50</sub> values for DAPK1 and DAPK3 are 69 and 225 nM, respectively. TC-DAPK 6 also inhibits p70S6K (1  $\mu$ M 50%<sup>[1]</sup>).



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