

# LH846

**Catalog No: tcsc1810**



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg



## Specifications

**CAS No:**

639052-78-1

**Formula:**

$C_{16}H_{13}ClN_2OS$

**Pathway:**

Stem Cell/Wnt;Cell Cycle/DNA Damage

**Target:**

Casein Kinase;Casein Kinase

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 45$  mg/mL (142.04 mM)

**Observed Molecular Weight:**

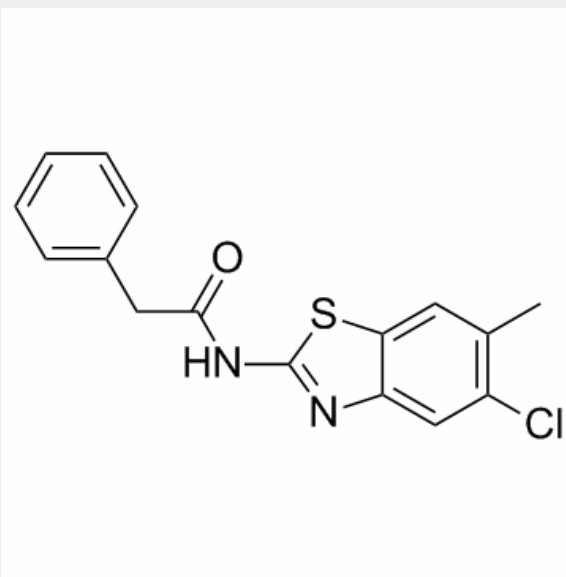
316.81

## Product Description

LH846 is a selective inhibitor of **CKIδ**, with an **IC<sub>50</sub>** of 290 nM, and less potently inhibits CKIα and CKIε, with **IC<sub>50</sub>**s of 2.5 μM and 1.3 μM, respectively.

IC50 & Target: IC50: 290 nM (CKIδ), 1.3 μM (CKIε), 2.5 μM (CKIα)<sup>[1]</sup>

***In Vitro:*** LH846 is a potent inhibitor of CKIδ, with an IC<sub>50</sub> of 290 nM, less potently inhibits CKIα and CKIε, with IC<sub>50</sub>s of 2.5 μM and 1.3 μM, respectively, and has no effect on CK2. LH846 (3 or 10 μM) inhibits CKIδ-dependent phosphorylation of PER1 in HEK293T cells <sup>[1]</sup>.



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