

# KDU691

**Catalog No: tcsc0012775**



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 25mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

1513879-19-0

**Formula:**

$C_{22}H_{18}ClN_5O_2$

**Pathway:**

PI3K/Akt/mTOR

**Target:**

PI4K

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 150 mg/mL (357.26 mM; Need ultrasonic and warming)

**Observed Molecular Weight:**

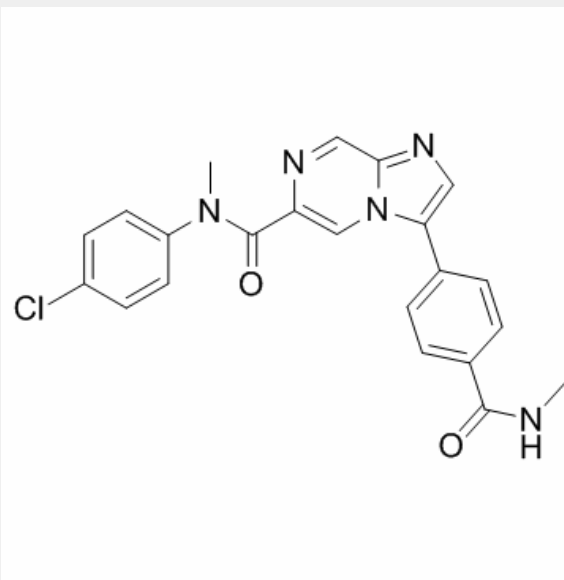
419.86

## Product Description

KDU691 is a **PI4K** inhibitor.

IC50 & Target: PI4K<sup>[1]</sup>

***In Vivo:*** During the 5 days of dosing, no major weight changes are observed in the animals that receive KDU691 as prophylactic treatment (group 691-proph). From the fourth day of dosing, the animals that are treated with KDU691 show a transient yellow skin color. The KDU691 radical-cure group (group 691-RC) becomes blood-stage positive again at  $31.8 \pm 0.5$  days p.i. (range, 31 to 32 days). Clinical chemistry analysis of the group 691-RC monkeys reveals that bilirubin levels accumulate during the 5-day radical-cure treatment with KDU691<sup>[1]</sup>.



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