

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:

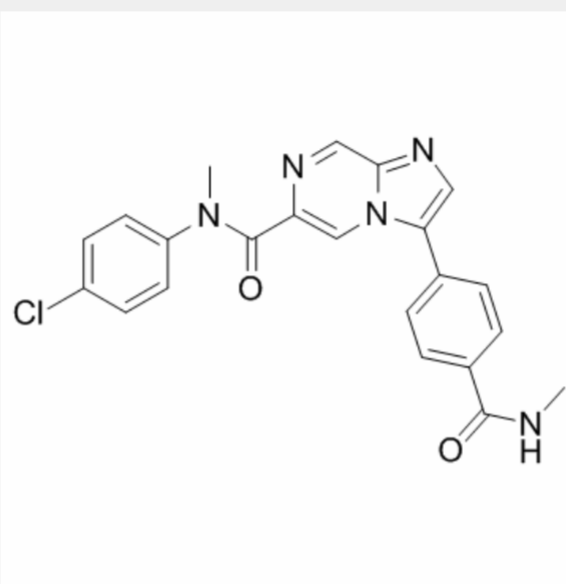
419.86

Product Description

KDU691 is a **PI4K** inhibitor.

IC50 & Target: PI4K^[1]

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 ± 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^[1].



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