

PI-3065

Catalog No: tcsc3100



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

955977-50-1

Formula:

$C_{27}H_{31}FN_6OS$

Pathway:

PI3K/Akt/mTOR

Target:

PI3K

Purity / Grade:

>98%

Solubility:

DMSO : 25 mg/mL (49.34 mM; Need ultrasonic); H2O :

Observed Molecular Weight:

506.64

Product Description

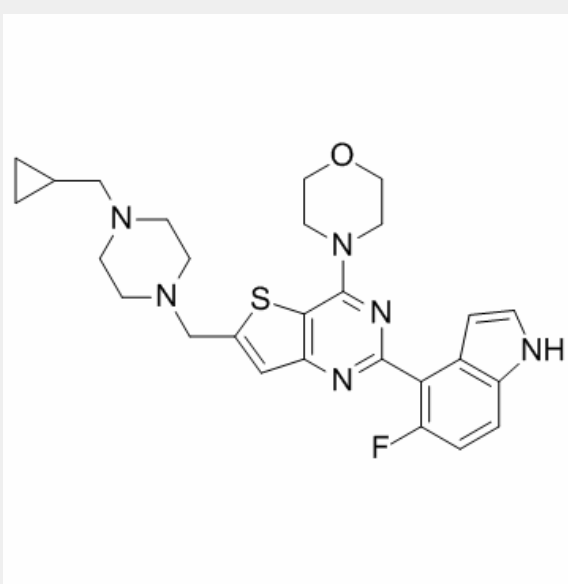
PI-3065 is a potent inhibitor of **PI3K p110 δ** , with **IC₅₀** and **K_i** values of 5 nM and 1.5 nM, and exhibits less potent activity against

p110 α , p110 β , p110 γ with IC₅₀s of 910, 600, >10000 nM.

IC50 & Target: IC50: 5 nM (p110 δ), 910 nM (p110 α), 600 nM (p110 β), >10000 nM (p110 γ)^[1]

In Vitro: PI-3065 exhibits no inhibition of the growth of 4T1 cells, which do not express detectable levels of p110 δ ^[1].

In Vivo: PI-3065 (75 mg/kg, p.o.) inhibits the growth of 4T1 tumours in the BALB/c mice without obvious body weight loss^[1].



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