

Duvelisib

Catalog No: tcsc0888



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg

Size: 200mg

Size: 500mg

Size: 1g

Size: 2g



Specifications

CAS No:

1201438-56-3

Formula:

$C_{22}H_{17}ClN_6O$

Pathway:

PI3K/Akt/mTOR

Target:

PI3K

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 41 mg/mL (98.35 mM)

Alternative Names:

IPI-145;INK1197

Observed Molecular Weight:

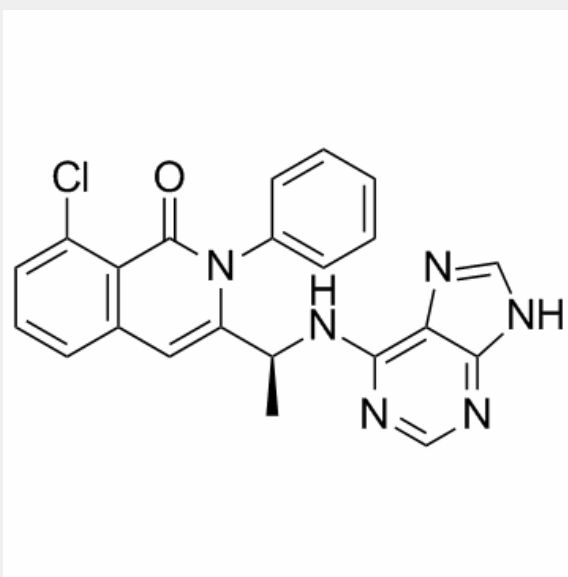
416.86

Product Description

Duvelisib is a selective **p100δ** inhibitor with IC₅₀ of 2.5 nM, 27.4 nM, 85 nM and 1602 nM for p110δ, P110γ, p110β and p110α, respectively.

IC50 & Target: IC50: 2.5 nM (p110δ), 27.4 nM (p110γ), 85 nM (p110β), 1602 nM (p110α)^[2]

In Vitro: PI3Kδ and PI3Kγ inhibition with IPI-145 has anti-proliferative activity in primary AML cells by inhibiting the activity of AKT and MAPK. Pre-treatment of AML cells with IPI-145 inhibits both adhesion and migration of AML blasts to bone marrow stromal cells^[1].



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