

Ipatasertib(pan-Akt 抑制剂)

Catalog No.: RPM0019

Sequence Information

Species **Gene ID** **Swiss Prot**
1001264-89-6

Tags

无

Synonyms

GDC-0068; RG7440; 无

Product Information

Source **Purification**
C₂₄H₃₂ClN₅O₂ > 99%

Calculated MW **Observed MW**
458

Endotoxin

Akt1:5 nM (IC50);Akt3:8 nM (IC50);Akt2:18 nM (IC50)PKA 3100 nM (IC50)

Formulation

DMSO: 85 mg/mL (185.6 mM) Ethanol: 85 mg/mL (185.6 mM) H2O: < 1 mg/mL (insoluble or slightly soluble)

Reconstitution

Contact

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Background

Ipatasertib(pan-Akt 抑制剂) 竞争性ATP 结合pan-Akt 抑制Akt1 (IC50:5 nM)Akt2 (IC50:18 nM)Akt3 (IC50:8 nM)Ipatasertib(pan-Akt 抑制剂)抑制Akt/p53通路PUMA通路FoxO3a/NF-κB通路PUMA通路PUMA通路 Bax通路

Basic Information

Description

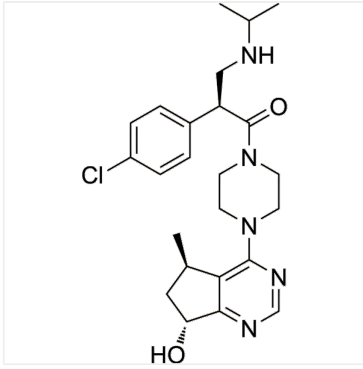
Ipatasertib(pan-Akt 抑制剂), a highly specific pan-Akt inhibitor, targets Akt1/2/3 with IC50 of 5 nM/18 nM/8 nM, respectively

Bio-Activity

Storage

Store at -20°C. This product is stable at -20°C up to 3 years from the date of receipt . After reconstitution, the solution is stable at -20°C for 6 months, at -80°C for up to 1 year. Avoid repeated freeze/thaw cycles.

Validation Data



Chemical structure of Ipatasertib(pan-Akt [inhibitor](#)), CAS No.1001264-89-6