



LKT Laboratories, Inc.

GDC-0068

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Product Information

Product ID G1200

CAS No. 1001264-89-6

Chemical Name (2S)-2-(4-chlorophenyl)-1-[4-[(5R,7R)-7-hydroxy-5-methyl-6,7-dihydro-5H-cyclopenta[d]pyrimidin-4-yl]piperazin-1-yl]-3-(propan-2-ylamino)propan-1-one

Synonym RG7440, Ipatasertib

Formula C₂₄H₃₂ClN₅O₂

Formula Wt. 458.00

Melting Point

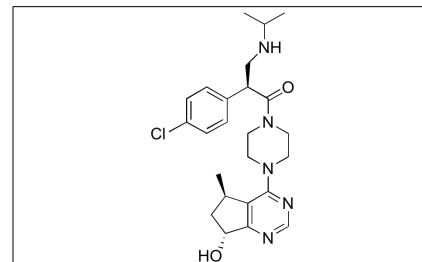
Purity ≥98%

Solubility DMSO 92 mg/mL (200.87 mM)
Ethanol 92 mg/mL (200.87 mM)
Water Insoluble

Store Temp -20°C

Ship Temp Ambient

Description GDC-0068 is an orally available Akt inhibitor that exhibits chemotherapeutic activity. GDC-0068 prevents Akt from phosphorylating substrates involved in cell proliferation and the inhibition of pro-apoptotic genes and tumor suppressing proteins.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
G1200	1 mg	\$78.80
G1200	5 mg	\$152.30
G1200	25 mg	\$278.30

References Davies BR, Greenwood H, Dudley P, et al. Preclinical pharmacology of AZD5363, an inhibitor of AKT: pharmacodynamics, antitumor activity, and correlation of monotherapy activity with genetic background. *Mol Cancer Ther.* 2012 Apr;11(4):873-87. PMID: 22294718.

Markman B, Dienstmann R, Tabernero J. Targeting the PI3K/Akt/mTOR pathway--beyond rapalogs. *Oncotarget.* 2010 Nov;1(7):530-43. Review. PubMed PMID: 21317449.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.