

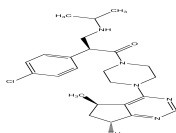
Product: **GDC-0068**

ALTERNATE NAME: (S)-2-(4-chlorophenyl)-1-(4-((5R,7R)-7-hydroxy-5-methyl-6,7-dihydro-5H-cyclopenta[d]pyrimidin-4-yl)piperazin-1-yl)-3-(isopropylamino)propan-1-one; RG7440

CATALOG #: 2667-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₃₂ClN₅O₂

MOLECULAR WEIGHT: 458.0

CAS NUMBER: 1001264-89-6

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: GDC-0068 is a potent, ATP-competitive, pan-Akt inhibitor with IC₅₀s of 5, 18 and 8 nM for Akt1, Akt2 and Akt3, respectively. Displays selectivity over more than other 200 screened kinases. Potential anticancer agent.

REFERENCE: Lin, J., *et al.* (2013). *Clin. Cancer Res.* **19**, 1760-1772.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Akt Inhibitor (**Cat. No. 1701-1**)

Akt Inhibitor, Isozyme-Selective (**Cat. No. 1708-1**)

Akt Inhibitor (10-NCP) (**Cat. No. 2338-1, 5**)

Cordycepin (**Cat. No. 2078-10, 50**)

DiscoveryPak™ PI 3 Kinase Inhibitor Set (**Cat. No. K856-5**)

GSK-690693 (**Cat. No. 227205, 25**)

MK-2206 (**Cat. No. 1888-500, 1000**)

Perifosine(KRX-0401) (**Cat. No. 1592-5, 25**)

PHT427 (**Cat. No. 2465-10, 50**)

SH-5 (**Cat. No. 1818-500**)

SH-6 (**Cat. No. 1819-500**)

SC66 (**Cat. No. 1870-10, 50**)

Triciribine (**Cat. No. 1707-1**)

FOR RESEARCH USE ONLY! Not to be used on humans.