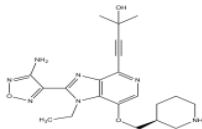


**PRODUCT: GSK-690693****ALTERNATE NAME:** 4-[2-(4-Amino-1,2,5-oxadiazol-3-yl)-1-ethyl-7-[(3S)-3-piperidinylmethoxy]-1H-imidazo[4,5-c]pyridin-4-yl]-2-methyl-3-butyn-2-ol**CATALOG #:** 2272-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>21</sub>H<sub>27</sub>N<sub>7</sub>O<sub>3</sub>**MOLECULAR WEIGHT:** 425.48**CAS NUMBER:** 937174-76-0**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (~20 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** At -20°C. Protect from light and moisture**DESCRIPTION:** An ATP-competitive pan-Akt kinase inhibitor. Inhibits Akt kinase isoforms 1, 2, 3 with IC<sub>50</sub> values of 2, 13, and 9 nM, respectively. Inhibited proliferation and induced apoptosis in a subset of tumor cells with potency consistent with intracellular inhibition of Akt kinase activity.**REFERENCE:** Heerding, D.A., *et al.* (2008). *J. Med. Chem.* **51**, 5663-5679.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

A769662 (Cat. No. 1719-5)

AICAR (Cat. No. 1687-50)

Akt Inhibitor (Cat. No. 1701-1)

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

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

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

Metformin Hydrochloride (Cat. No. 1691-5G)

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

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

Phenformin hydrochloride (Cat. No. 1889-100, 1000)

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

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

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

Triciribine (Cat. No. 1707-1)

**USAGE:****FOR RESEARCH CH USE ONLY! Not to be used in humans**