

PRODUCT: MK-8745**ALTERNATE NAMES:** (3-chloro-2-fluorophenyl)(4-((6-(thiazol-2-ylamino)pyridin-2-yl)methyl)piperazin-1-yl)methanone**CATALOG NUMBER:** B1942-5,25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₀H₁₉ClFN₆OS**MOLECULAR WEIGHT:** 431.91**CAS NUMBER:** 885325-71-3**APPEARANCE:** Crystalline solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** MK-8745 is a novel Aurora-A specific inhibitor. It induces apoptotic cell death in a p53-dependent manner when tested in vitro in cell lines of multiple lineages.**REFERENCES:** Shionome, Y., et al. (2013). *PLoS One* 8(1); e55457.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

AT-9823 (Cat. No. 2432-5, 25)
Aurora Kinase B Inhibitor (Cat. No. 1583-5, 25)
AZD1480 (Cat. No. 2315-1, 5)
CCT-129202 (Cat. No. B1934-5,25)
CCT-137690 (Cat. No. B1935-5,25)
CP-690550 (Cat. No. 1622-5, 25)
CYC-116 (Cat. No. B1936-5,25)
Danusertib (Cat. No. B1937-5,25)
ENMD-2076 (Cat. No. B1938-5,25)
GSK-1070916 (Cat. No. B1939-5,25)
Hesperadin (Cat. No. B1940-5,25)
JNJ-7706621 (Cat. No. B1941-5,25)
Lestaurtinib (Cat. No. 1805-500, 1000)
MLN8237 (Cat. No. 2718-5,25)
LLL12 (Cat. No. 1792-5, 25)
MK-8745 (Cat. No. B1942-5,25)
MS-1020 (Cat. No. 1911-1)
PF-03814735 (Cat. No. B1257-1,5)
Reversine (Cat. No. 1851-1, 5)
Ruxolitinib, free base (Cat. No. 2139-5, 25)
Tozasertib (Cat. No. 1595-25, 100)
EZSolution™ Tozasertib (Cat. No. 1803-TC-S 7010 (Cat. No. B1203-5,25)
TG101348 (Cat. No. 2314-1, 5)
Tyrphostin AG 490 (Cat. No. 1570-5)
WHI-P131 (Cat. No. 1853-5, 25)
WP1066 (Cat. No. 1809-5, 25)

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