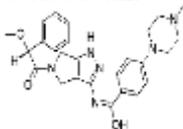


PRODUCT: Danusertib

ALTERNATE NAMES: N-[5-[(2R)-2-methoxy-2-phenylacetyl]-4,6-dihydro-1H-pyrrolo[3,4-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide; PHA-739358

CATALOG NUMBER: B1937-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₆H₃₀N₆O₃

MOLECULAR WEIGHT: 474.55

CAS NUMBER: 827318-97-8

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (~ 20 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Danusertib (PHA-739358) is a potent pan-aurora kinase inhibitor with IC₅₀ values of 13, 79, and 61 nM for Aurora A, B, and C, respectively. It modestly inhibits Abl, TrkA, c-RET and FGFR1, and weakly inhibits Lck, VEGFR2/3, c-Kit, CDK2, etc.

REFERENCES: Carpinelli P., *et al.* (2007). *Mol Cancer Ther.* 12, 3158-3168.

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)
 Lestaurtinib (Cat. No. 1805-500, 1000)
 MLN8237 (Cat. No. 2718-5,25)
 LLL12 (Cat. No. 1792-5, 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**