**PRODUCT:** Ro3280

**ALTERNATE NAME:** 4-((9-cyclopentyl-7,7-difluoro-5-methyl-6-oxo-6,7,8,9-tetrahydro-5H-pyrimido[4,5-b][1,4]diazepin-2-yl)amino)-3-methoxy-N-(1-methylpiperidin-4-yl)benzamide

**CATALOG #:** B1175-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**

![Structure of Ro3280]

**MOLECULAR FORMULA:** C_{27}H_{35}F_{2}N_{7}O_{3}

**MOLECULAR WEIGHT:** 543.61

**CAS NUMBER:** 1062243-51-9

**APPEARANCE:** Crystalline solid

**SOLUBILITY:** DMSO

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** RO3280 is a potent, highly selective inhibitor of Polo-like kinase 1 (PLK1) (IC_{50} = 3 nM).


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

**RELATED PRODUCTS:**
- BI-6727 (Cat. No. 2222-1,5)
- BI-2536 (Cat. No. 2370-5, 25)
- GSK461364 (Cat. No. 2287-5, 25)
- Ro3280 (Cat. No. B1175-5,25)
- SBE13 hydrochloride (Cat. No. 2847-10, 50)

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