**PRODUCT:** MSC-2530818  

**ALTERNATE NAMES:** [(2S)-2-(4-Chlorophenyl)pyrrolidin-1-yl]-[(3-methyl-1H-pyrazolo[3,4-b]pyridin-5-yl)]methanone  

**CATALOG NUMBER:** B1975-1, 5  

**AMOUNT:** 1 mg, 5 mg  

**STRUCTURE:**  

![Chemical Structure](image)  

**MOLECULAR FORMULA:** C_{18}H_{17}ClN_{4}O  

**MOLECULAR WEIGHT:** 340.81  

**CAS NUMBER:** 1883423-59-3  

**APPEARANCE:** Crystalline solid  

**SOLUBILITY:** DMSO  

**PURITY:** ≥98% by HPLC  

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

**DESCRIPTION:** MSC-2530818 is a potent, selective CDK8 Inhibitor (IC_{50} = 2.6 nM). It displays potent inhibition of phospho-STAT1^{SER727}, an established biomarker of CDK8 activity. MSC2530818 demonstrates potent inhibition of WNT-dependent transcription in human cancer cell lines that have constitutively activated WNT signaling.  


**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)  
- 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)  
- 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. 1803-5)  
- TC-S 7010 (Cat. No. B1203-5,25)  
- TG101348 (Cat. No. 2314-1, 5)  
- Tyrophostin AG 490 (Cat. No. 1570-5)  
- WHI-P131 (Cat. No. 1853-5, 25)  
- WP1066 (Cat. No. 1809-5, 25)  

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

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