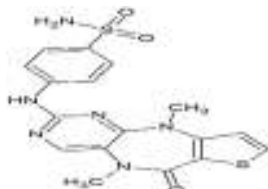


XMU-MP-1

ALTERNATE NAME: 4-((5,10-dimethyl-6-oxo-6,10-dihydro-5H-pyrimido[5,4-b]thieno[3,2-e][1,4]diazepin-2-yl)amino)benzenesulfonamide
XMUMP 1
XMU-MP1

CATALOG #: B2498-5 5 mg
B2498-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₆N₆O₃S₂

MOLECULAR WEIGHT: 416.47

CAS NUMBER: 2061980-01-4

APPEARANCE: Crystalline solid

PURITY: ≥98%

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

SOLUBILITY: >30 mg/ml DMSO

DESCRIPTION: XMU-MP-1 is a potent and selective ATP-competitive mammalian sterile 20-like kinase (MST) 1/2 inhibitor (IC₅₀ values are 38.1 and 71.1 nM for MST2 and MST1, respectively). It is selective for MST1 and 2 over a panel of 468 kinases at a concentration of 1 μM. XMU-MP-1 inhibits phosphorylation of MOB1, LATS1 and 2, and YAP in HepG2 cells as well as MST1 and 2 autophosphorylation in RAW 264.7, U2OS, SW480, RPE1, SNU423, and HepG2 cells in a concentration-dependent manner. Enhances activity of downstream YAP in vitro.

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

STK3, Active (7751)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*