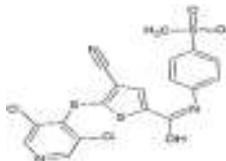


USP7/USP47 Inhibitor

ALTERNATE NAME: 4-cyano-5-[(3,5-dichloro-4-pyridinyl)thio]-N-[4-(methylsulfonyl)phenyl]-2-thiophenecarboxamide

CATALOG #: B2538-1 1 mg
B2538-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₁₁Cl₂N₃O₃S₃

MOLECULAR WEIGHT: 484.4

CAS NUMBER: 1247825-37-1

APPEARANCE: Crystalline solid

PURITY: ≥ 98% by HPLC

SOLUBILITY: >40 mg/ml DMSO

DESCRIPTION: USP7/USP47 inhibitor is a dual inhibitor of ubiquitin-specific protease 7 (USP7) and USP47 (IC₅₀s = 0.42 and 1 μM, respectively). It is selective for USP7 and USP47 over USP2, USP5, USP8, USP21, USP28, caspase-3, and cathepsin B (IC₅₀s = >31.6 μM).

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:

DUB Inhibitor, NSC-632839 (2570)
DUB Inhibitor, PR-619 (2302)
USP7/USP47 Inhibitor, P 22077 (2301)
P5091 (2277)

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