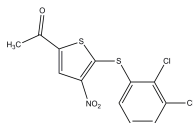


PRODUCT: P5091**ALTERNATE NAME:** 1-[5-[(2,3-Dichlorophenyl)thio]-4-nitro-2-thienyl]ethanone**CATALOG #:** 2277-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₂H₇Cl₂NO₃S₂**MOLECULAR WEIGHT:** 348.22**CAS NUMBER:** 882257-11-6**APPEARANCE:** White solid**SOLUBILITY:** DMSO (~20 mg/ml, warm) or EtOH (~40 mg/ml, warm)**PURITY:** ≥98% by TLC**STORAGE:** At -20° C. Protect from light and moisture**DESCRIPTION:** Cell-permeable. A Selective inhibitor of the ubiquitin-specific protease USP7 (IC₅₀ = 4.2 μM). Induces apoptosis in multiple myeloma cells and overcomes bortezomib resistance. Displays antiangiogenic activity *in vivo*.**REFERENCE:** Chauhan, D., et al. (2012). *Cancer Cell*. **22**, 345-358;
Weinstock, J., et al. (2012). *ACS Med. Chem. Lett.* **3**, 789.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Aclacinomycin A (Cat. No. 2032-5, 25)
Calpain Inhibitor I, ALLN (Cat. No. 1834-5, 25)
Calpain Inhibitor II, ALLM (Cat. No. 1834-5, 25)
Clasto-Lactacystin β-Lactone (Cat. No. 1710-100)
E6AP Antibody (Cat. No. 3744-100)
(-)-Epigallocatechin gallate (Cat. No. 1841-50)
Fenbendazole (Cat. No. 2157-100, 500)
Isopeptidase T (short form), human recombinant (Cat. No. 4861-25)
Isopeptidase T (long form), human recombinant (Cat. No. 4862-25)
Lactacystin (Cat. No. 1709-200)
MG-115 (Cat. No. 1831-1, 5)
EZSolution™ MG-115 (Cat. No. 2144-1)
MG-132 (Cat. No. 1703-5, 25)
PS-341 (Cat. No. 1846-1,5)
EZSolution™ MG-132 (Cat. No. 1791-5)
LDN-57444 (Cat. No. 2016-5, 25)
MDBN (Cat. No. 2033-5, 25)
NEDD8-AMC (Cat. No. 4843-25)
NSC-687852 (Cat. No. 2021-5, 25)
Proteasome Activity Assay Kit (Cat. No. K245-100)
Proteasome Substrate, Fluorogenic (Cat. No. 1832-1, 5)
PYR-41 (Cat. No. 1925-5, 25)
PS-341 (Cat. No. 1846-1, 5)
EZSolution™ PS-341 (Cat. No. 2145-1)
Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)
(±)- Thalidomide (Cat. No. 2020-10, 50)
UbcH1, human recombinant (GST-tag) (Cat. No. 4846-100)
UbcH2, human recombinant (His-tag) (Cat. No. 4848-100)
UbcH3, human recombinant (His-tag) (Cat. No. 4849-100)
UbcH5a, human recombinant (His-tag) (Cat. No. 4851-100)
UbcH5b, human recombinant (His-tag) (Cat. No. 4852-100)
UbcH5c, human recombinant (His-tag) (Cat. No. 4854-100)
Ubiquitin Aldehyde (Cat. No. 4845-50)
Ubiquitin, human recombinant (Cat. No. 4841-100,1000)
Ubiquitin AMC (Cat. No. 4842-25)
UCH-L1, human recombinant (GST-tag) (Cat. No. 4855-50)
USP7 Antibody (Cat. No. 3737-100)
USP-14 Inhibitor IU1 (Cat. No. 1845-5, 25)
WP-1130 (Cat. No. 2014-5, 25)

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