

USP7 / USP47 inhibitor

Catalog No: tcsc2181



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1247825-37-1

Formula:

$C_{18}H_{11}Cl_2N_3O_3S_3$

Pathway:

Cell Cycle/DNA Damage

Target:

Deubiquitinase

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 44 mg/mL (90.83 mM)

Observed Molecular Weight:

484.4

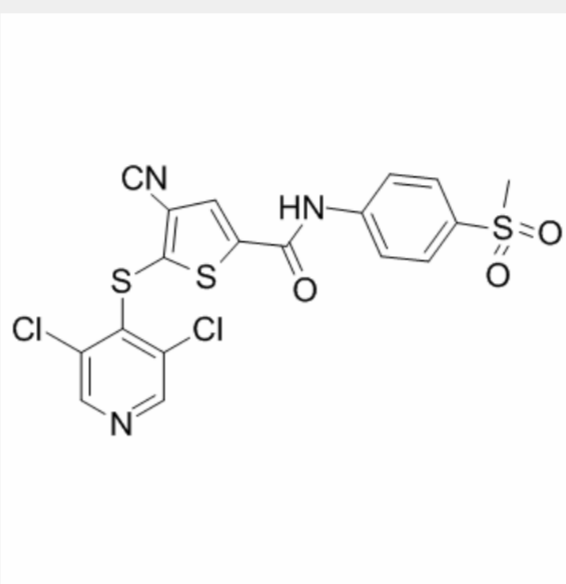
Product Description

USP7/USP47 inhibitor is a selective **ubiquitin-specific protease 7/47 (USP7/USP47)** inhibitor, with **EC₅₀**s of 0.42 μ M and 1.0 μ M,

respectively.

IC50 & Target: EC50: 0.42 μ M (USP7), 1.0 μ M (USP47)^[1]

In Vitro: USP7/USP47 inhibitor (compound 14) is a selective inhibitor of USP7/USP47 with EC₅₀s of 0.42 μ M and 1 μ M, respectively. USP7/USP47 inhibitor does not inhibit caspase 3, calpain 1, 20S proteasome, and a panel of representative USPs (USP2, USP5, USP8, USP21, and USP28; EC₅₀ > 31.6 μ M). USP7/USP47 inhibitor inhibits the growth of HCT-116 cells with an EC₅₀ of 7.6 μ M^[1].



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