

USP7/USP47 Inhibitor, P 22077

Cat. No. CEI-0696

Lot. No. (See product label)

Introduction

Description A cell-permeable inhibitor of the ubiquitin-specific protease ($IC_{50} = 8.6 \mu M$) and the closely related deubiquitinase (DUB) USP47. P22077 displays weak or no inhibition ($EC_{50} > 50 \mu M$) towards a panel of 14 isopeptidases and other proteases. Inhibits USP7-mediated p53 deubiquitination.

Synonyms DUB inhibitor

Product Information

Appearance White to off-white solid

CAS No. 1247819-59-5

Molecular Formula C 12 H 7 F 2 NO 3 S

Chemical Name 1-(5-(2,4-Difluorophenylthio)-4-nitrothiophen-2-yl)ethanone

Molecular Weight 264.3

Purity >99%

Targets USP7, USP47

Solubility DMSO (60 mg/ml) of EtOH (2 mg/ml)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel Pack