Creative Enzymes®

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 (IC50 = 8.6 μM) and the closely related deubiquitinase (DUB) USP47. P22077 displays weak or no inhibition (EC_{50} >50 μM) 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