

## 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