

Product datasheet

P 22077 ab273383

[1 References](#) [1 Image](#)

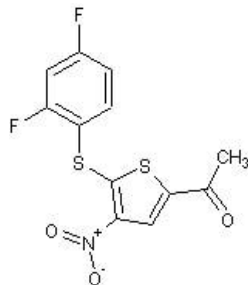
Overview

Product name	P 22077
Description	Selective USP7 inhibitor
Biological description	Selective USP7 (IC ₅₀ = 8 μM) inhibitor. Active against closely related USP47. Selective versus SENP2c0re (IC ₅₀ >50 μM) and DENI (IC ₅₀ >50 μM). Destabilizes Claspin. Inhibits neuroblastoma growth by inducing p53-mediated apoptosis. Inhibits Tip60 deubiquitination.

Purity > 98%

CAS Number 1247819-59-5

Chemical structure



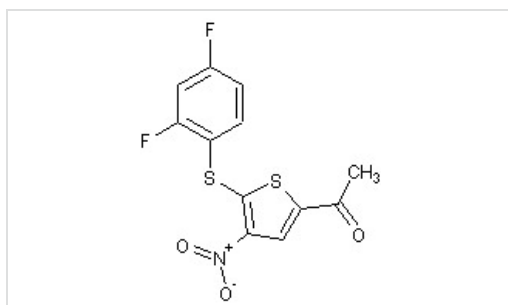
Properties

Chemical name	1-[5-[(2,4-Difluorophenyl)thio]-4-nitro-2-thienyl]ethanone
Molecular weight	315.32
Molecular formula	C ₁₂ H ₇ F ₂ NO ₃ S ₂
PubChem identifier	46931953
Storage instructions	Shipped at Room Temperature. Store at -20°C. Store under desiccating conditions.
Solubility overview	Soluble in DMSO to 75 mM
Handling	Refer to SDS for further information Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	CC(=O)C1=CC(=C(S1)SC2=C(C=C(C=C2)F)F)[N+](=O)[O-]

Source

Synthetic

Images



Chemical structure of P 22077, 1247819-59-5

Chemical Structure - P 22077 (ab273383)

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