

产品名称 : FT-671

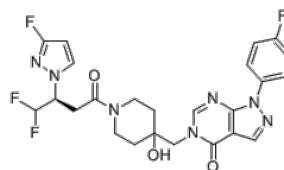
同义词 : FT671 | FT 671

产品货号 : M13072

CAS Number : 1959551-26-8

分子式 : C₂₄H₂₃F₄N₇O₃

分子量 : 533.488



化学全名 : (S)-5-((1-(4,4-difluoro-3-(3-fluoro-1H-pyrazol-1-yl)butanoyl)-4-hydroxypiperidin-4-yl)methyl)-1-(4-fluorophenyl)-1,5-dihydro-4H-pyrazolo[3,4-d]pyrimidin-4-one

产品描述 : FT-671 is a novel potent, specific, non-covalent USP7 inhibitor with K_d of 65 nM (USP7 catalytic domain); inhibits USP7 with IC₅₀ values of 52 nM (USP7 CD) and 69 nM (USP7C-term), display good USP7 selectivity in a panel of 38 deubiquitinases (DUBs); destabilizes USP7 substrates including MDM2, increases levels of p53, and results in the transcription of p53 target genes and induces tumour suppressor p21; blocks the proliferation of MM. 1S cells (IC₅₀=33 nM), suppresses tumour growth in mice; orally available.

通路 : Proteasome/Ubiquitin

靶点 : DUB

受体 : DUB

溶解度 : ——

SMILES : O=C1C2=C(N=CN1CC3(CCN(CC3)C(C(F)F)N4N=C(C=C4)F)=O)O)N(N=C2)C5=CC=C(C=C5)F

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1. Turnbull AP, et al. Nature. 2017 Oct 26;550(7677):481-486.