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## PF-3450074

产品编号: D61958

CAS: 1352879-65-2

分子式: C<sub>27</sub>H<sub>27</sub>N<sub>3</sub>O<sub>2</sub>

纯度: 98%

InChi Key: InChiKey=ACDFWSNAQWFRRF-VWLOTQADSA-N

Smiles: O=C(N[C@@H](C1=CC=CC=C1)C(N(C)C2=CC=CC=C2)=O)CC3=C(C)NC4=C3C=CC=C4

外观: 固体粉末

作用通路: Microbiology/Virology

作用靶点: HIV Protease

溶解性: Soluble in DMSO

保存条件: -20°C

产品介绍: PF-3450074 (PF-74) is a specific inhibitor of HIV-1 capsid protein (CA) and displays a broad-spectrum inhibition of HIV isolates with submicromolar potency (EC<sub>50</sub>=8-640 nM).

PF-3450074 (PF-74) acts at an early stage of HIV-1 infection, inhibits viral replication by directly competing with the binding of CPSF6 and NUP153, and blocks the uncoating, assembly, and the reverse transcription steps of the viral life cycle. CPSF6: nuclear host factors cleavage and polyadenylation specific factor 6; NUP153: nucleoporin 153