

Product Name : L-870810

Synonyms : L 870810; L870810

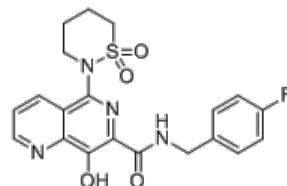
Cat No. : M14410

CAS Number : 410544-95-5

Molecular Formula : C₂₀H₁₉FN₄O₄S

Formula Weight : 430.45

Chemical Name : 5-(1,1-dioxothiazinan-2-yl)-N-[(4-fluorophenyl)methyl]-8-hydroxy-1,6-naphthyridine-7-carboxamide



Description : A potent, selective inhibitor of HIV integrase (IC₅₀=8-15 nM) with potent antiviral activity in cell culture and good pharmacokinetic properties; exhibits broad-spectrum activity against WT and multidrug-resistant HIV-1, HIV-2, and SIV; orally bioavailable.

Pathway : Microbiology/Virology

Target : HIV

Receptor : HIV

Solubility : —

SMILES : O=C(C1=NC(N(CCCC2S2(=O)=O)=C3C=CC=NC3=C1O)NCC4=CC=C(F)C=C4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Hazuda DJ, et al. Proc Natl Acad Sci U S A. 2004 Aug 3;101(31):11233-8. | 2. Zeng LF, et al. J Med Chem. 2012 Nov 26;55(22):9492-509. | 3. Hombrouck A, et al. Antimicrob Agents Chemother. 2008 Jun;52(6):2069-78.