
Product Data Sheet

Product Name: HIV-1 integrase inhibitor 3

Cat. No.: GC36234

Chemical Properties

Cas. No. 1638504-56-9

SMILES NC(C1=CC(CCCCCO)=CN=C1N2O)=C(C(NCC3=CC=C(F)C=C3F)=O)C2=OFormula $C_{21}H_{22}F_2N_4O_4$ M.Wt 432.42

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

HIV-1 integrase inhibitor 3 is a HIV-1 integrase strand transfer (INST) inhibitor with an IC50 of 2.7 nM. IC50: 2.7 nM (INST)[1]

HIV-1 integrase inhibitor 3 (compound 4c) is a HIV-1 integrase strand transfer (INST) inhibitor with an IC50 of 2.7 nM. HIV-1 integrase inhibitor 3 also displays an antiviral inhibitory potency against the Q148H/G140S mutant with an EC50 of 7 nM[1].

[1]. Zhao XZ, et al. HIV-1 Integrase Strand Transfer Inhibitors with Reduced Susceptibility to Drug Resistant MutantIntegrases. ACS Chem Biol. 2016 Apr 15;11(4):1074-81.

Caution: Product has not been fully validated for medical applications. For research use only.

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