

# HIV-1 integrase inhibitor 4

Catalog No: tcsc0031115



## Available Sizes

**Size:** 1mg

**Size:** 5mg

**Size:** 10mg



## Specifications

**CAS No:**

1638504-66-1

**Formula:**

$C_{24}H_{20}F_2N_4O_5S$

**Pathway:**

Metabolic Enzyme/Protease;Anti-infection

**Target:**

HIV Integrase;HIV

**Purity / Grade:**

>98%

**Solubility:**

10 mM in DMSO

**Observed Molecular Weight:**

514.5

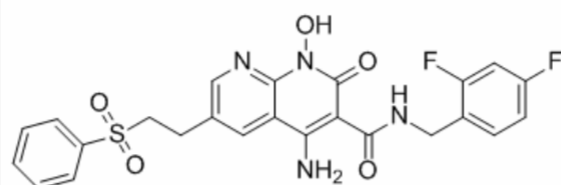
## Product Description

HIV-1 integrase inhibitor 4 is a **HIV-1 integrase strand transfer (INST)** inhibitor with an **IC<sub>50</sub>** of 3.7 nM.

IC50 & Target: IC50: 3.7 nM (INST)<sup>[1]</sup>

***In Vitro:***

HIV-1 integrase inhibitor 4 (compound 4f) is a HIV-1 integrase strand transfer (INST) inhibitor with an  $IC_{50}$  of 3.7 nM. HIV-1 integrase inhibitor 4 shows potent activity against recombinant HIV IN in biochemical assays and good efficacy in assays done in cell culture against a broad panel of viral mutants carrying the major RAL and DTG IN resistance mutations<sup>[1]</sup>.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!