



## **HIV-1** integrase inhibitor 4

Catalog No: tcsc0031115

Available Sizes
Size: 1mg
Size: 5mg
Size: 10mg
Specifications
CAS No: 1638504-66-1
<b>Formula:</b> $C_{24}^{H}_{20}^{F}_{2}^{N}_{4}^{O}_{5}^{S}$
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  $IC_{50}$  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!