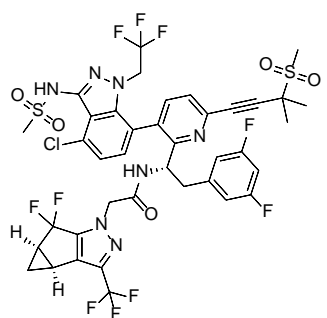


Product data sheet



MedKoo Cat#: 330045 Name: Lenacapavir CAS: 2189684-44-2 (free base) Chemical Formula: C ₃₉ H ₃₂ ClF ₁₀ N ₇ O ₅ S ₂ Exact Mass: 967.1435 Molecular Weight: 968.283	
Product supplied as:	Powder
Purity (by HPLC):	≥ 98%
Shipping conditions	Ambient temperature
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years. In solvent: -80°C 3 months; -20°C 2 weeks.

1. Product description:

Lenacapavir, also known as GS-6207, is a HIV-1 capsid inhibitor. Lenacapavir shows anti-HIV activity. Lenacapavir displays a mean EC₅₀ of 50 pM (20-160 pM) against 23 HIV-1 clinical isolates from different subtypes in peripheral blood mononuclear cells (PBMCs). Lenacapavir demonstrated picomolar potency in vitro with no cross resistance to existing antiretroviral classes and potent antiviral activity in persons with HIV-1. In persons with HIV-1, there was no preexisting resistance to lenacapavir regardless of treatment history.

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. mM
DMSO	200.0	206.55

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.03 mL	5.16 mL	10.33 mL
5 mM	0.21 mL	1.03 mL	2.07 mL
10 mM	0.10 mL	0.52 mL	1.03 mL
50 mM	0.02 mL	0.10 mL	0.21 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

7. Bioactivity

Biological target:

Lenacapavir (GS-6207) is a HIV-1 capsid inhibitor.

In vitro activity

TBD

In vivo activity

TBD

Product data sheet



Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.