

Product Data Sheet

Product Name: GS-6207

Cat. No.: GC38790

Chemical Properties

Cas. No. 2189684-44-2

SMILES FC1=CC(F)=CC(C[C@@H](C2=NC(C#CC(S(=O)(C)=O)(C)C)=CC=C2C3=CC=C(Cl)C4=C3N(CC(F)(F)F)N=C4NS(=O)(C)=O)NC(CN5C(C(F)(F)[C@@]6([H])[C@]7([H])C6)=C7C(C(F)(F)F)=N5)=O)=C1

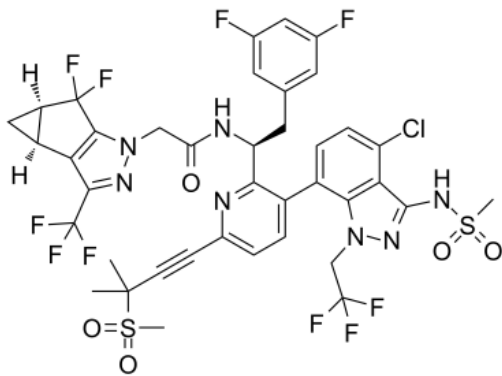
Formula $C_{39}H_{32}ClF_{10}N_7O_5S_2$ M.Wt 968.28

Solubility DMSO: 250 mg/mL (258.19 mM) 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

GS-6207 is a HIV-1 capsid inhibitor. GS-6207 shows anti-HIV activity with an EC₅₀ of 100 pM in MT-4 cells. GS-6207 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)[1].

[1]. Singh K, et al. GS-CA Compounds: First-In-Class HIV-1 Capsid Inhibitors Covering Multiple

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

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Grounds. Front Microbiol. 2019 Jun 20;10:1227.

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