

PSI-6130

Catalog No: tcsc0597



Available Sizes

Size: 2mg

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

817204-33-4

Formula:

$C_{10}H_{14}FN_3O_4$

Pathway:

Metabolic Enzyme/Protease;Anti-infection

Target:

HCV Protease;HCV

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 50 mg/mL (192.88 mM)

Alternative Names:

R 1656

Observed Molecular Weight:

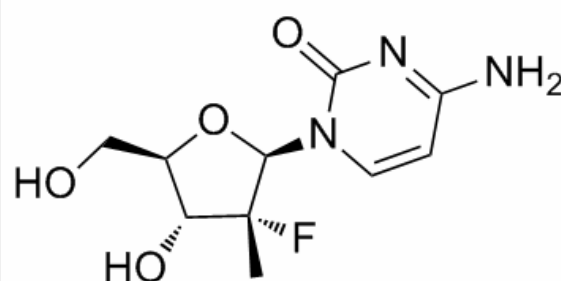
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Product Description

PSI-6130 is a potent and selective inhibitor of **HCV NS5B polymerase**, and inhibits HCV replication with a mean **IC₅₀** of 0.6 μM.

IC50 & Target: IC50: 0.6 μM (HCV replication)^[2]

In Vitro: PSI-6130 exhibits potent and specific inhibitory activity against HCV RNA replication mediated by the NS5B polymerase. Both PSI-6130 inhibit HCV GT-1b (Con1 strain) and GT-1a (H77 strain) subgenomic RNA replication, with mean EC₅₀ values of 0.51 and 0.30 μM, respectively. PSI-6130 inhibits 40% human serum with EC₅₀ of 0.51 μM^[1]. PSI-6130 inhibits HCV replication with a mean IC₅₀ of 0.6 μM, PSI-6130-TP inhibits HCV replicase with a mean IC₅₀ of 0.34 μM. PSI-6130-TP inhibits recombinant HCV Con1 NS5B on a heteropolymeric RNA template derived from the 3'-end of the negative strand of the HCV genome with an IC₅₀ of 0.13 μM and K_i of 0.023 μM^[2].



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