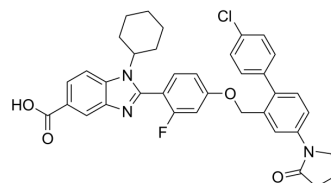


## JTK-109

Cat. No.:	HY-19643
CAS No.:	480462-62-2
Molecular Formula:	C <sub>37</sub> H <sub>33</sub> ClFN <sub>3</sub> O <sub>4</sub>
Molecular Weight:	638.13
Target:	HCV Protease
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	JTK-109 is a potent inhibitor of hepatitis C virus NS5B RNA-dependent RNA polymerase. JTK-109 has NS5B inhibitory activity with IC <sub>50</sub> value of 0.017 μM. JTK-109 can be used for the research of hepatitis C virus (HCV) [1].
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.017 μM (NS5B) [1].

### REFERENCES

[1]. Hirashima S, et al. Further studies on hepatitis C virus NS5B RNA-dependent RNA polymerase inhibitors toward improved replicon cell activities: benzimidazole and structurally related compounds bearing the 2-morpholinophenyl moiety. *Bioorg Med Chem Lett*. 2007 Jun 1;17(11):3181-6.

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

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