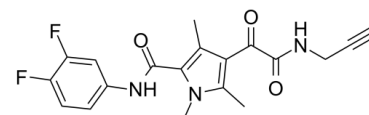


## Data Sheet

<b>Product Name:</b>	GLP-26
<b>Cat. No.:</b>	CS-0087130
<b>CAS No.:</b>	2133017-36-2
<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>17</sub> F <sub>2</sub> N <sub>3</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	373.35
<b>Target:</b>	HBV
<b>Pathway:</b>	Anti-infection
<b>Solubility:</b>	DMSO : 125 mg/mL (334.81 mM; Need ultrasonic)



### BIOLOGICAL ACTIVITY:

GLP-26 is a **HBV** capsid assembly modulators (CAM), inhibits HBV DNA replication in Hep AD38 system (**IC<sub>50</sub>**=3 nM), and reduces cccDNA by >90% at 1 μM. GLP-26 disrupts the encapsidation of pre-genomic RNA, causes nucleocapsid disassembly and reduces cccDNA pools<sup>[1]</sup>. **In Vitro:** GLP-26 (0.7-1.7 μM; 3 days) reduces secreted HBeAg in HepNTCP-DL cells transfected with HBV wild type, with EC<sub>50</sub> values of 0.7 μM<sup>[2]</sup>.

### References:

[1]. Nijampatnam B, et al. Recent advances in the development of HBV capsid assembly modulators. *Curr Opin Chem Biol.* 2019 Jun;50:73-79.

### CAIndexNames:

1H-Pyrrole-3-acetamide, 5-[[[(3,4-difluorophenyl)amino]carbonyl]-1,2,4-trimethyl-α-oxo-N-2-propyn-1-yl]-

### SMILES:

O=C(C1=C(C)C(C(C(NCC#C)=O)=O)=C(C)N1C)NC2=CC=C(F)C(F)=C2

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA