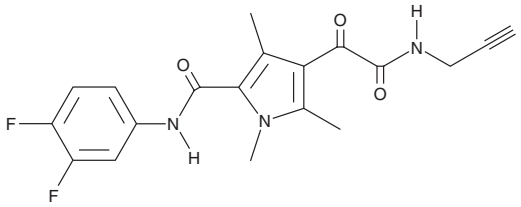
# PRODUCT INFORMATION

## GLP-26

*Item No. 46500*

| | |
|---|---|
| **CAS Registry No.:** | 2133017-36-2 |
| **Formal Name:** | 5-[[(3,4-difluorophenyl)amino] carbonyl]-1,2,4-trimethyl-α-oxo-N-2-propyn-1-yl-1H-pyrrole-3-acetamide |
| **MF:** | $C_{19}H_{17}F_2N_3O_3$ |
| **FW:** | 373.4 |
| **Purity:** | ≥95% |
| **Supplied as:** | A solid |
| **Storage:** | -20°C |
| **Stability:** | ≥4 years |



*Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.*

### Laboratory Procedures

GLP-26 is supplied as a solid. A stock solution may be made by dissolving the GLP-26 in the solvent of choice, which should be purged with an inert gas. GLP-26 is soluble (≥10 mg/ml) in DMSO.

### Description

GLP-26 is a capsid assembly modulator (CAM) and an antiviral agent.[1] It binds to hepatitis B virus (HBV) capsid particles ($K_d$ = 0.7 µM) and inhibits HBV replication in HepAD38 cells and primary human hepatocytes ($EC_{50}$s = 0.003 and 0.4 µM, respectively). GLP-26 reduces HBV e antigen (HBeAg) secretion from, and covalently closed circular DNA (cccDNA) levels in, HepAD38 cells. *In vivo*, GLP-26 (60 mg/kg) decreases viral loads in HBV-infected humanized mice when used alone or in combination with entecavir (Item Nos. 36926 | 13831).

### Reference


1. Amblard, F., Boucle, S., Bassit, L., *et al.* Novel hepatitis B virus capsid assembly modulator induces potent antiviral responses *in vitro* and in humanized mice. *Antimicrob. Agents Chemother.* **64(2)**, e01701-e01719 (2020).



**WARNING**
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

**SAFETY DATA**
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

**WARRANTY AND LIMITATION OF REMEDY**
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**CAYMAN CHEMICAL**
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
**PHONE:** [800] 364-9897
[734] 971-3335
**FAX:** [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM