



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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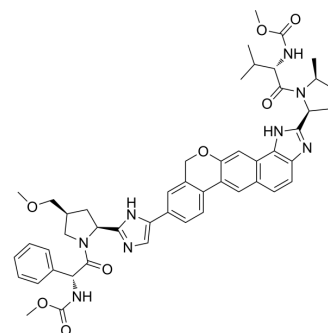
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## Velpatasvir (Standard)

Cat. No.:	HY-12530R
CAS No.:	1377049-84-7
Molecular Formula:	C <sub>49</sub> H <sub>54</sub> N <sub>8</sub> O <sub>8</sub>
Molecular Weight:	883
Target:	HCV; SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Velpatasvir (Standard) is the analytical standard of Velpatasvir. This product is intended for research and analytical applications. Velpatasvir (VEL, GS-5816) is a novel pan-genotypic hepatitis C virus (HCV) nonstructural protein 5A (NS5A) inhibitor with activity against genotype 1 (GT1) to GT6 HCV replicons. Velpatasvir is also a SARS-CoV 3CL<sup>PRO</sup> inhibitor with an IC<sub>50</sub> of 2.16 μM<sup>[2]</sup>.

### REFERENCES

- [1]. Lawitz EJ et al. Clinical Resistance to Velpatasvir (GS-5816), a Novel Pan-Genotypic Inhibitor of the Hepatitis C Virus NS5A Protein. *Antimicrob Agents Chemother.* 2016 Aug 22;60(9):5368-78.
- [2]. Qi Sun, et al. Bardoxolone and bardoxolone methyl, two Nrf2 activators in clinical trials, inhibit SARS-CoV-2 replication and its 3C-like protease. *Signal Transduct Target Ther.* 2021 May 29;6(1):212.
- [3]. Yasmeen S, et al. An insight into the hepatoprotective role of Velpatasvir and Sofosbuvir per se and in combination against carbon tetrachloride-induced hepatic fibrosis in rats. *Environ Sci Pollut Res Int.* 2023 Sep;30(42):95660-95672.

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

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