



# 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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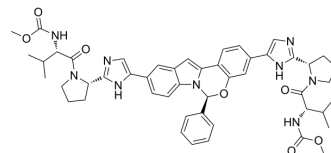
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## Elbasvir (Standard)

Cat. No.:	HY-15789R
CAS No.:	1370468-36-2
Molecular Formula:	C <sub>49</sub> H <sub>55</sub> N <sub>9</sub> O <sub>7</sub>
Molecular Weight:	882.02
Target:	HCV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Elbasvir (Standard) is the analytical standard of Elbasvir. This product is intended for research and analytical applications. Elbasvir (MK-8742) is a hepatitis C virus nonstructural protein 5A (HCV NS5A) inhibitor with EC <sub>50</sub> s of 4, 3 and 3 nM against genotype 1a, 1b, and 2a, respectively.
IC <sub>50</sub> & Target	EC <sub>50</sub> : 4 nM (HCV 1a), 3 nM (HCV 1b), 3 nM (HCV 2a) <sup>[1]</sup>

### REFERENCES

- [1]. Liu R, et al. Susceptibilities of genotype 1a, 1b, and 3 hepatitis C virus variants to the NS5A inhibitor Elbasvir. *Antimicrob Agents Chemother.* 2015 Nov;59(11):6922-6929.
- [2]. Lahser FC, et al. The Combination of Grazoprevir, a Hepatitis C Virus (HCV) NS3/4A Protease Inhibitor, and Elbasvir, an HCV NS5A Inhibitor, Demonstrates a High Genetic Barrier to Resistance in HCV Genotype 1a Replicons. *Antimicrob Agents Chemother.* 2016 A

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

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