



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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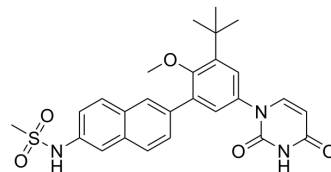
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Dasabuvir (Standard)

Cat. No.:	HY-13998R
CAS No.:	1132935-63-7
Molecular Formula:	C ₂₆ H ₂₇ N ₃ O ₅ S
Molecular Weight:	493.57
Target:	DNA/RNA Synthesis; HCV
Pathway:	Cell Cycle/DNA Damage; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dasabuvir (Standard) is the analytical standard of Dasabuvir. This product is intended for research and analytical applications. Dasabuvir (ABT-333) is a nonnucleoside hepatitis C virus (HCV) polymerase inhibitor. Dasabuvir inhibits RNA-dependent RNA polymerase encoded by the HCV NS5B gene. Dasabuvir inhibits genotype 1a (strain H77) and 1b (strain Con1) replicons, with EC ₅₀ values of 7.7 and 1.8 nM, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 2.2 ± 0.3 nM (HCV genotype 1b N), 2.8 ± 0.2 nM (HCV genotype 1a H77), 3.1 ± 0.21 nM (HCV genotype 1b BK), 0.7 ± 1.4 nM (HCV genotype 1b Con1) ^[1]

REFERENCES

[1]. Kati W, et al. In vitro activity and resistance profile of dasabuvir, a nonnucleoside hepatitis C virus polymerase inhibitor. *Antimicrob Agents Chemother.* 2015 Mar;59(3):1505-11.

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

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