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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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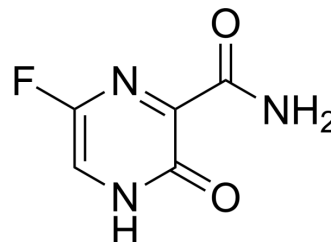
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Favipiravir (Standard)

Cat. No.:	HY-14768R
CAS No.:	259793-96-9
Molecular Formula:	C ₅ H ₄ FN ₃ O ₂
Molecular Weight:	157.1
Target:	Influenza Virus; Bacterial; SARS-CoV; DNA/RNA Synthesis
Pathway:	Anti-infection; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Favipiravir (Standard) is the analytical standard of Favipiravir. This product is intended for research and analytical applications. Favipiravir (T-705) is a potent viral RNA polymerase inhibitor, it is phosphoribosylated by cellular enzymes to its active form, Favipiravir-ribofuranosyl-5'-triphosphate (RTP). Favipiravir-RTP inhibits the influenza viral RNA-dependent RNA polymerase (RdRP) activity with an IC ₅₀ of 341 nM.
IC ₅₀ & Target	IC ₅₀ : 341 nM (RdRP) ^[1]

REFERENCES

- [1]. Furuta Y, et al. Favipiravir (T-705), a novel viral RNA polymerase inhibitor. *Antiviral Res.* 2013 Nov;100(2):446-54.
- [2]. Rocha-Pereira J, et al. Favipiravir (T-705) inhibits in vitro norovirus replication. *Biochem Biophys Res Commun.* 2012 Aug 10;424(4):777-80.

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

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