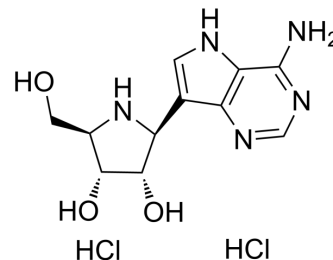


Galidesivir dihydrochloride

Cat. No.:	HY-18649B
CAS No.:	1373208-51-5
Molecular Formula:	C ₁₁ H ₁₇ Cl ₂ N ₅ O ₃
Molecular Weight:	338.19
Target:	Flavivirus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Galidesivir (BCX4430; Immucillin-A) dihydrochloride is a broad-spectrum RNA virus inhibitor that can inhibit Ebola and yellow fever virus (Flavivirus) infections. Galidesivir has potent antiviral activity against tick-borne encephalitis virus (TBEV) and also inhibits the proliferation of many other medically important flaviviruses^[1].

CUSTOMER VALIDATION

- Nucleic Acids Res. 2021 Jan 8;49(D1):D11113-D11121.
- Antiviral Res. 2017 Mar 21;142:63-67.
- Antimicrob Agents Chemother. 2019 Feb 26;63(3):e02093-18.
- Viruses. 2020 Jun 10;12(6):628.
- Microorganisms. 2021 Mar 31;9(4):734.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Eyer L, et al. An E460D Substitution in the NS5 Protein of Tick-Borne Encephalitis Virus Confers Resistance to the Inhibitor Galidesivir (BCX4430) and Also Attenuates the Virus for Mice. J Virol. 2019 Jul 30;93(16):e00367-19.

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

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