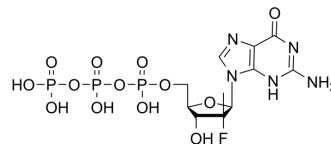


AT-9010

Cat. No.:	HY-139165
CAS No.:	1261253-79-5
Molecular Formula:	C ₁₁ H ₁₇ FN ₅ O ₁₃ P ₃
Molecular Weight:	539.2
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AT-9010, a triphosphate active metabolite of AT-527, is a potent inhibitor of NiRAN (a function essential for viral replication). AT-9010 can inhibit SARS-CoV-2 replication ^[1] .
IC₅₀ & Target	NiRAN ^[1]
In Vitro	Substantial levels of the active triphosphate metabolite AT-9010 are formed in normal human bronchial and nasal epithelial cells incubated with 10 μM AT-511 (698 μM and 236 μM, respectively), with a half-life of at least 38 hours ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Atea Pharmaceuticals Announces Publication of Preclinical Data Highlighting Potent Activity of AT-527 Against SARS-CoV-2. BOSTON, Feb. 08, 2021. Atea Pharmaceuticals, Inc.

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

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