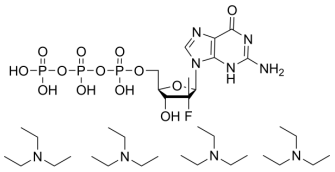
AT-9010 triethylamine

Cat. No.:	HY-139165B
CAS No.:	2648089-95-4
Molecular Formula:	$C_{35}H_{77}FN_9O_{13}P_3$
Molecular Weight:	943.96
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 triethylamine, a triphosphate active metabolite of AT-527, is a potent inhibitor of NiRAN (a function essential for viral replication). AT-9010 triethylamine can inhibit SARS-CoV-2 replication[1].
IC_{50} & 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.
In Vivo	SARS-CoV-2□□□ MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Cell. 2022 Nov 10;185(23):4347-4360.e17.

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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.

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