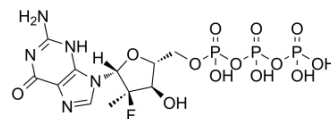


## AT-9010

Cat. No.:	HY-139165
CAS No.:	1261253-79-5
Molecular Formula:	C <sub>11</sub> H <sub>17</sub> FN <sub>5</sub> O <sub>13</sub> P <sub>3</sub>
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

<b>Description</b>	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 <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	NiRAN <sup>[1]</sup>
<b>In Vitro</b>	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 <sup>[1]</sup> . 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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