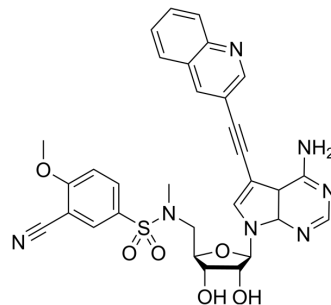


## MTase-IN-1

Cat. No.:	HY-149362
Molecular Formula:	C <sub>31</sub> H <sub>29</sub> N <sub>7</sub> O <sub>6</sub> S
Molecular Weight:	627.67
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

MTase-IN-1 (compound 26) is a potent and selective inhibitor of coronavirus nsp14 N7-methyltransferases, with an IC<sub>50</sub> of 0.72 nM. MTase-IN-1 impairs viral RNA translation and immune evasion<sup>[1]</sup>.

### REFERENCES

[1]. Hausdorff M, et, al. Structure-guided optimization of adenosine mimetics as selective and potent inhibitors of coronavirus nsp14 N7-methyltransferases. Eur J Med Chem. 2023 Aug 5;256:115474.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA