

## Product Datasheet

# Antiviral agent 17

Catalog No. **BP-02414** · CAS **158227-81-7** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-11**

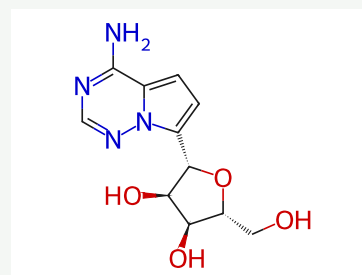
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|                                    |                                   |
|------------------------------------|-----------------------------------|
| Target<br><b>DNA/RNA Synthesis</b> | Research area<br><b>Infection</b> |
|------------------------------------|-----------------------------------|

Molecular formula **C<sub>11</sub>H<sub>14</sub>N<sub>4</sub>O<sub>4</sub>**

Molecular weight **266.2533**

### STRUCTURE



## DESCRIPTION

Antiviral agent 17 is an anti-infection agent. Antiviral agent 17 retains its antiviral effect in a human replicon assay (EC<sub>50</sub> = 0.015 μM). Antiviral agent 17 results in good antiviral activity against murine norovirus with an EC<sub>50</sub> of 7 nM. . Antiviral agent 17 has the potential for the research of infectious and malignant diseases .

## BIOLOGICAL ACTIVITY

### In Vitro

Antiviral agent 17 (Compound 4) reduces the levels of HuNoV virus RNA with an EC<sub>50</sub> of 0.015 μM. However, at concentrations higher than the EC<sub>50</sub>, a toxic effect was observed on the host cells.

## SOLUBILITY

Soluble in DMSO : 125 mg/mL

## REFERENCES

[1].Li Q, et al. Anti-norovirus activity of C7-modified 4-amino-pyrrolo[2,1-f][1,2,4]triazine C-nucleosides. Eur J Med Chem. 2020 Jun 1;195:112198.

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