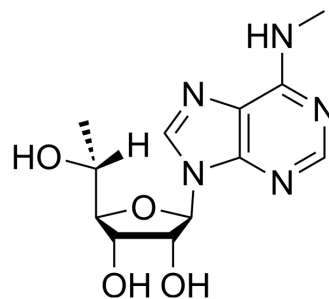


5'(R)-C-Methyl-N6-methyladenosine

| | |
|--------------------|---|
| Cat. No.: | HY-152558 |
| Molecular Formula: | C ₁₂ H ₁₇ N ₅ O ₄ |
| Molecular Weight: | 295.29 |
| Target: | Nucleoside Antimetabolite/Analog |
| Pathway: | Cell Cycle/DNA Damage |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

5'(R)-C-Methyl-N6-methyladenosine is an adenosine analogue. Adenosine analogs mostly act as smooth muscle vasodilators and have also been shown to inhibit cancer progression. The popular products in this series are adenosine phosphate, Acadesine (HY-13417), Clofarabine (HY-A0005), Fludarabine phosphate (HY-B0028) and Vidarabine (HY-B0277)^[1].

REFERENCES

[1]. Man S, et al. Potential and promising anticancer drugs from adenosine and its analogs. Drug Discov Today. 2021 Jun;26(6):1490-1500.

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

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